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REPRODUCED

1889

TESTED SEEDS

QUARTERLY WHOLESALE

PRICE LIST

JOHNSON & STOKES
VEGETABLE SEEDS

TOOLS AND REQUISITES

FOR

MARKET GARDENERS

AND

PUBLIC INSTITUTIONS

JOHNSON & STOKES

SEEDSMEN

217 & 219 MARKET ST. AND

206 & 208 CHURCH ST.

PHILADELPHIA



WHAT LEADING MARKET GARDENERS SAY OF US AND OUR SEEDS

Almost every mail brings us numbers of unsolicited letters from our last year's customers, testifying to the high quality of the seeds we have sent them. We publish below extracts from a few which come from well-known market gardeners, and speak for themselves.

BEST OF SIX LEADING VARIETIES.

C. C. BALL, Ramey, Pa., writes: "Your Matchless Late Flat Dutch Cabbage was the very best in a lot of six leading varieties of cabbage."

OUR WAKEFIELD FAR AHEAD.

F. R. AUSTIN, Tuckerton, N. J., writes: "The Jersey Wakefield bought from you the past two years are far ahead in earliness, large size and solidity of head of any cabbage I ever saw or raised. I want no other."

BEST HE EVER RAISED.

E. DRAKE, Old Forge, Pa., writes: "Your Matchless Flat Dutch and Short Stem Drumhead are the best cabbages I have ever raised."

WILL USE NO OTHER.

W. H. HYDER, Johnsville, Md., writes: "I planted your seed alongside of some obtained from other seed-houses, under the same conditions. The result was so greatly in your favor that I will use no other seed."

TRUEST TO NAME.

WALTER CHRISTIE, Bergenfield, N. J., writes: "I do not hesitate in saying that, after six years' experience with your seeds, find them superior in quality and more truthful to name than any house in U. S., and I have dealt with nearly all of them."

50 PER CENT LARGER AND FINER HEADS.

MR. CHAS. VAUTIER, Magazine Lane, a leading Philadelphia market gardener, says: "The Early Alabaster Cauliflower I get from you produces 50 per cent larger and finer heads than the Selected Dwarf Erfurt or Snowball, and I will also say that I have never had better Snowball than I got from you."

WILL BUY OF NO OTHER HOUSE.

GEO. HUTCHINS, Hutchins, Wis., writes: "I was so pleased with my onion seed last spring, that I will buy of no other house in future. There were no onions in Shawans County to equal mine. The Philadelphia Yellow Globe Danvers beat them all. Large Red Wethersfield are also very fine."

THEY TAKE THE PREMIUM EVERY TIME.

MARTIN YAKLEY, Pittsfield, Ill., writes: "The Yellow Egg Onions you sent me last spring were fine. At the fair they take the premium every time. The Spanish King I have grown to the size of the largest turnips. They capture everything in the shape of large onions. I want several pounds of the same seed."

EARLIEST, LARGEST AND BEST.

M. A. MUNSELL, Eminence, Mo., writes: "The American Extra Early Pearl is the earliest, largest and best onion I ever raised."

THE ADMIRATION OF ALL.

J. M. BICKET, Traer, Iowa, writes: "The Philadelphia Yellow Globe Danvers are the admiration of all who see them; some weigh over one pound. Myself and neighbors had no luck with seeds until purchasing yours."

FINEST CROPS EVER GROWN.

G. C. ELLIOTT, Newcastle, Wash. Ter., writes: "I experienced great difficulty with onion seed until I commenced purchasing from you, but from your seeds I have raised the finest crops of onions ever grown in these parts. Your Johnson & Stokes' Earliest Cabbage is twenty days ahead."

BEST HE EVER BOUGHT.

L. CARTER, Hammond, Ill., writes: "Your onion seeds were all the best I ever bought since I have been in the business."

HAVE NO EQUAL.

A. W. MUSSELMAN, Auburn, Ind., writes: "The Philadelphia Yellow Globe Danvers and Spanish King Onions have no equal. They grew the largest I ever saw; the best in flavor."

CANNOT BE SURPASSED.

JACOB MARKLEY, Sweet Wine, O., writes: "Your Philadelphia Yellow Globe Danvers Onion cannot be surpassed for productiveness and fine quality."

SUPERIOR TO ANY EVER RAISED.

GEO. CONNER, Lehi, Utah, writes: "Your Philadelphia Yellow Globe Danvers Onion is superior to any I ever raised; many weighed over two pounds each and took first premium at our fair. All your seeds are first-class."

FAR AHEAD OF ALL OTHERS.

GEO. F. ADAMS, Trappe, Md., writes: "I have been getting your seeds for myself and neighboring gardeners for the past three years. Have tested yours with those of other houses bought at the same time, and find yours far ahead of any we have ever planted."

PUREST AND MOST RELIABLE.

J. D. GRESSITH, Urbanna, Va., writes: "For seven years I have purchased my seeds from you and with no exception I find them to be the purest and most reliable seeds I have ever grown."

THEY TAKE THE PALM.

GEO. F. NEWCOMB, Deloraine, Canada, writes: "Your seeds produced vegetables that were the wonder and admiration of all who saw them. They carry away the palm in this market."

IT PAYS TO SEND FOR THEM.

F. ZOCHOEMITSCH, Monticello, N. Y., writes: "Without exception your seeds were the finest I ever purchased from any firm. Previous to last spring I purchased my seeds at home but find it pays big to send to you for them."

BEST OF ALL

A. DUNCAN, Mohawk, Ontario, Can., writes: "I have purchased seeds from nearly all the leading houses in the United States, and am free to say yours are the best of them."

THE BEST EVER GROWN.

JOHN VAN DUSEN, Warren, Pa., writes: "Your cauliflower is very fine indeed, by far the best I have ever grown."

NOVELTIES NOT OVERPRAISED.

E. D. GIBSON, Ashburnham, Mass., writes: "I have had your seed for a number of years, and have found them true in name and quality. I find your novelties not overpraised, and that you do not send out old varieties under new names, as some do. When you get a new thing you tell us the truth about it."

FINEST CABBAGE IN THE COUNTRY.

G. W. GRAYHILL, Old Hickory, Va., writes: "Your seeds are superior to any I have ever used; I have the finest cabbage in this country."

HIS CROP NEVER FAILED.

J. W. SHOAP, Hunter's Run, Pa., writes: "It is now four years since my first purchase of your cabbage seeds and have never yet had a crop to fail me."

AVERAGED 60 PER CENT MORE.

WM. GRAY, Crystal River, Fla., writes: "I had seed of Early Jersey Wakefield from five leading firms. The cabbage grown from your seed averaged 60c. per crate more than any of the others."

TAKES THE CAKE.

W. F. POORMAN, Elmira, Ohio, writes: "Of five varieties of cabbage, the Short Stem Drumhead takes the cake."

MORE THAN PLEASED.

A. M. SHOOP, Hunter's Run, Pa., writes: "I was more than pleased with the seeds bought of you last spring, especially your Matchless Late Flat Dutch Cabbage, which I am sure cannot be equalled."

✿ TO OUR ✿

MARKET GARDENING PATRONS.



It is with pleasure we lay before you our "**Wholesale Price List**" of Vegetable Seeds for March and April, 1889. The invariable satisfaction we have given you heretofore in supplying you with seeds of strict reliability, we feel certain will insure your continued patronage.

As we make a specialty of **seeds for Market Gardeners**, our many years' experience has well taught us the importance of selling nothing that cannot be relied upon as being strictly true to name, and of the highest germinating quality.

We have illustrated many of our leading **SPECIALTIES** in this and our "**Garden and Farm Manual**," in order to thus more forcibly draw your attention to them. Upon these we have taken more than usual care in selecting the stock, growing and harvesting the crop, and make bold to say we are better prepared to give you entire satisfaction than any other house in the trade.

HOW TO ORDER.

Remit Amount with Order.—Money can be sent safely by post-office order, postal note, bank draft or check.

Cash.—Notes, silver or postage stamps (two-cent), may also be sent at our risk and expense, by registering your letter, which can be done at any post-office in America.

Prices.—Our prices are fixed as low as it is possible to offer tested seeds of best quality. The fact is apparent that seeds either old or carelessly grown can be sold at much less money, but they are dear to the cultivator at any price. No matter how fierce the competition may be, we shall maintain our reputation for offering seeds of superior quality, and to this end will not reduce our prices below a standard at which choice stocks can be sold. We think, however, that our prices will compare favorably with those of any other reliable house.

Our prices also include new seamless bags, boxes, packing and free delivery on board cars or steamers here. Freight and express rates from Philadelphia to nearly all points in the United States are now very low, and under the new "*Inter-State Commerce Law*" railroad freight rates have been reduced on short hauls (50 to 400 miles) to about one-half of what they have been heretofore.

We Guarantee the safe arrival of all shipments in good condition.

SEEDS BY MAIL.

In ordering Vegetable Seeds to be sent by mail, 8 cents per pound and 15 cents per quart, or at this rate for the fraction thereof, should be added to cover postage. We will, however, send packets and ounces free of postage.

We offer no books, cash or other premiums to induce you to buy our seeds.

THEY SELL UPON THEIR MERITS.

TO LARGE BUYERS AND CLUB ORDERS.

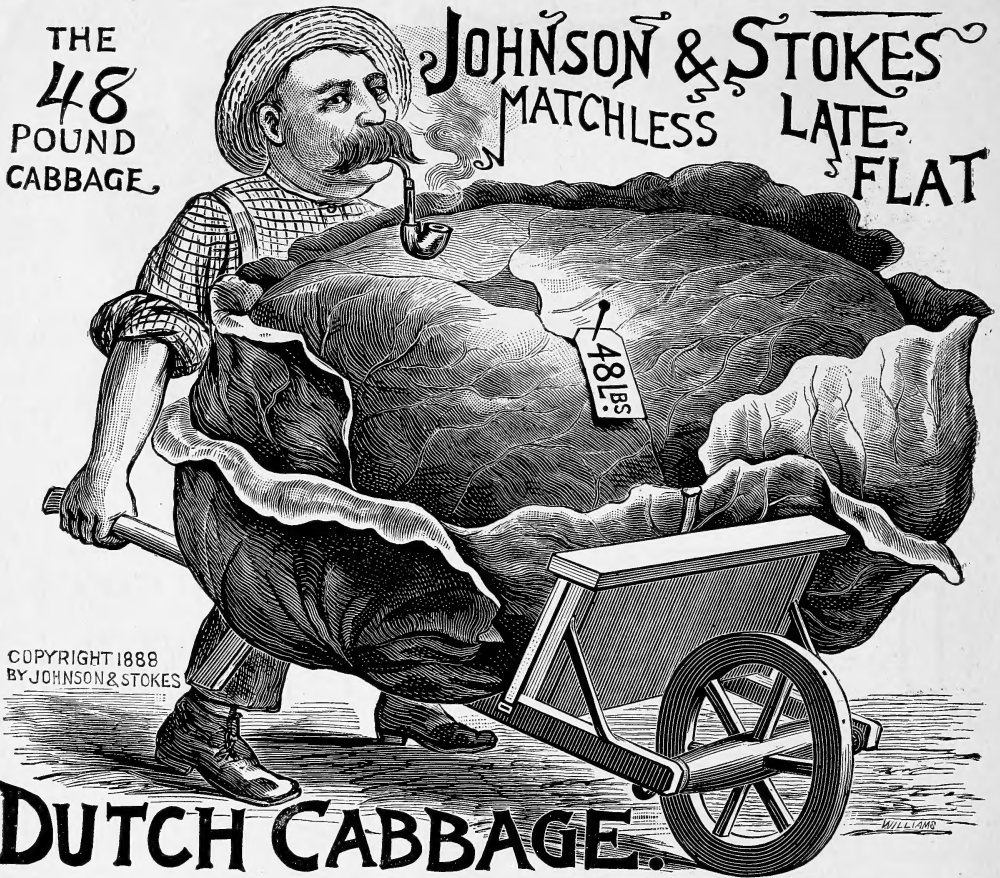
Although our **Wholesale Prices**, given in this list, are very low, yet where a number of pounds or bushels of any variety are wanted, we can frequently supply at somewhat lower prices. We therefore invite those wanting larger quantities than here quoted, as well as those forming clubs, to write for special prices. Address all orders and inquiries,

JOHNSON & STOKES,

SEED GROWERS,

PHILADELPHIA, PA.

THE
48
POUND
CABBAGE.



COPYRIGHT 1888
BY JOHNSON & STOKES

DUTCH CABBAGE.

JOHNSON & STOKES'

Matchless Late Flat Dutch Cabbage.

In this new strain of late cabbage, we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection for our seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves, and of very uniform color. By such persistent selection, year after year, we have a highly improved strain, pronounced by experienced cabbage growers and market gardeners, who after three years' trial now grow it in preference to all others for a main crop, *the finest strain of late cabbage in the world*. It grows larger and weighs heavier than any other variety, never fails to make a perfect, solid head, and is most uniform in size and color. We can honestly recommend this superior sort to all growers as standing alone and unequalled by any other late cabbage. Oz., 25c; $\frac{1}{4}$ lb., 75c; 1b., \$2.75; 2 lbs., \$5.00.

JOHNSON & STOKES'

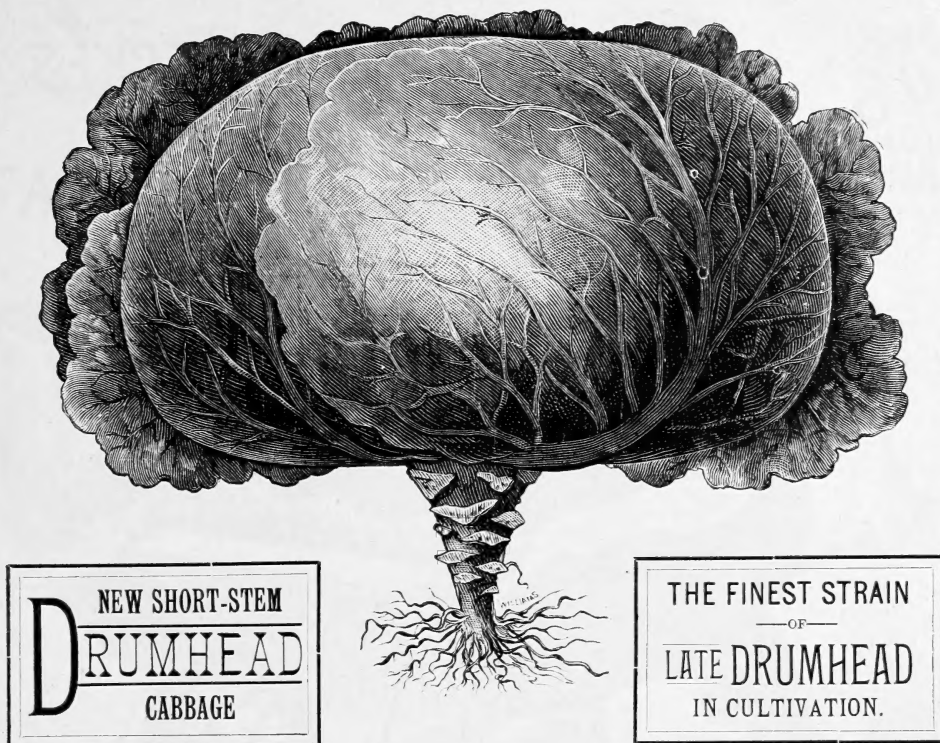
SELECTED EARLY SUMMER CABBAGE.

See Illustration Page 28, JOHNSON & STOKES' GARDEN AND FARM MANUAL for 1889.

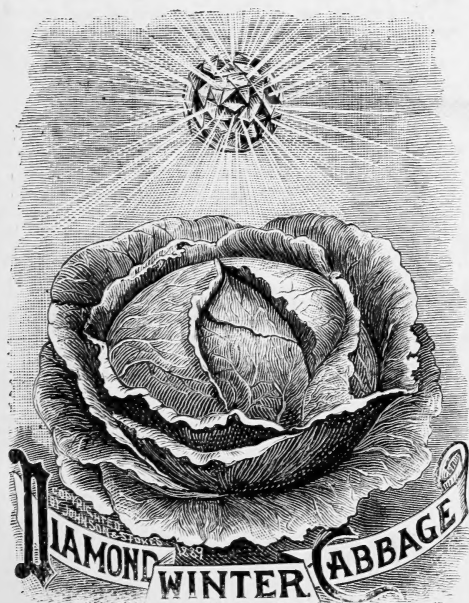
Our strain of this valuable sort is the very best that can be had, and all market gardeners who have grown it say they will have no other brand of Early Summer Cabbage. It is ten or twelve days later than the Jersey Wakefield, but much larger in size, and will stand on the ground much longer without bursting open. In this respect it is much superior to Fottler's Brunswick. While the heads are much larger than the Jersey Wakefield, its very compact habit enables it to be planted almost as close. The heads are very hard and solid throughout, and of fine uniform shape. For an early summer crop, this variety is much superior to the Early Summer Drumhead offered by many. Oz., 25c; 1b., \$2.75; 10 lbs., \$26.00.

EXTRA GOOD THINGS.

Extra good vegetables always command extra good prices. It costs extra to select and grow extra good strains of seed; so you should not object to us charging a little extra for these extra choice strains. You are benefited more than we.



This improved variety far surpasses the old strain of Large Late Drumhead Cabbage, ripening earlier, with very short stock or stem, forming larger and thicker heads, of fine quality and the best of keepers. Owing to our long continued selection for several years past, this variety is remarkable for reliability of heading, every one who plants it can expect at least ninety-eight large solid heads from every one hundred plants. Our customers in the South and in all other sections where many varieties fail to head, will find the Short-Stem Drumhead a sure thing and can depend on big crops every time. It heads the list of the winter Drumheads. Oz., 30c.; $\frac{1}{4}$ lb., 75c.; 1b., \$2.75; 2 lb., \$5.00.



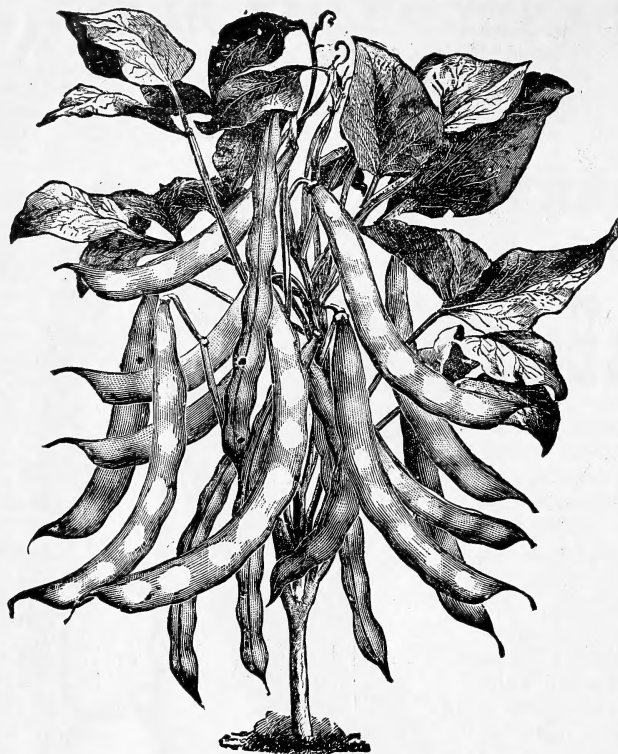
New Diamond Winter Cabbage

In regard to this new sort of cabbage we will say nothing to our customers that does not exist in fact, and while we already have many new and very excellent varieties, all of which seem to have reached the very acme of perfection, still, we always recognize the possibility of improvement, and are never so vain as to think we cannot produce better sorts than we already have.

In our **NEW DIAMOND WINTER CABBAGE** we have a strain entirely distinct from any other, viz: a cross between our Short Stem Drumhead and Danish Round Winter. Our customers well know the many valuable characteristics of the former, while as to the latter, it is a universally admitted fact that it is the best, heaviest and most solid heading sort grown in Europe. It has cost us seven years of constant and unremitting care to select and fix this truly wonderful type of winter cabbage. We have had it tested during the last three years by the ablest market gardeners in the United States with astonishing results.

Our New Diamond Drumhead combines all those qualities so desirable to an experienced market gardener to render a late cabbage perfect in every respect, viz: **size, weight, quality, sure-heading, and a long keeper.** It grows very compactly, the stem is short and it can be planted closer together than any other late variety; besides this it does not crack open. The heads will average from 15 to 18 lbs. in weight after they are trimmed for market; they grow very uniform in size and shape and present a handsome appearance to the eye. In fact, one head is almost an exact duplicate of the other. They are extra hard, solid, round and somewhat flattened on top; possess a fine, small rib and are always of the finest possible quality. It is the surest heading sort in existence. A customer writes us that he "cut 997 heads from 1000 plants set out." A field of this cabbage is a beautiful sight to see, so perfect and uniform is each head.

Our stock of this seed is limited, and we can only offer it as follows: Pkt., 20c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.00; 1b., \$8.00.



NEW IMPROVED ROUND POD EXTRA EARLY RED VALENTINE BEAN.

New Improved Round Pod

EXTRA EARLY

Red Valentine Bean

This is unquestionably the very best green snap-short bean for the market gardener. It is at least ten days earlier than the Early Red Valentine, and is usually ready to pick thirty-five days from the time of planting. The habit of the vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. The strain we offer will be found unusually prolific and to hold the pods well up from the ground. Qt., 25c.; peck, \$1.00; bush., \$4.00; 10 bush., \$35.00.

NEW BLACK-EYED
WAX BUSH BEAN

This is the earliest wax bean we have tested, excepting Wardwell's New Kidney Wax. It is a cross between the Golden and Dwarf Black Wax. Vines medium size, erect, bearing its pods near the centre. Leaves large, thin, quite dark green in color. Pods long, straight, rounder and of a lighter color than those of the Golden Wax. They cook quickly, both as snap and as shell beans. Dry beans, medium size, long, round, white, with black spot around the eye. Qt., 30c.; peck, \$1.65; bush., \$6.00.

✦ **WARDWELL'S NEW EARLY DWARF KIDNEY WAX BEAN** ✦

SEED GROWN BY THE ORIGINATOR.

This new variety, introduced by us last year, has more than exceeded our most sanguine expectations, and has given unbounded satisfaction wherever tried. Leading market gardeners everywhere, who have had it during this and last seasons, are all unanimous in saying it is the earliest, hardest and most productive and salable yellow wax bean they ever grew. The most valuable point, however, in its favor, is that it has not yet shown the slightest indication of rust or spot, no matter where or under what condition grown. It is greatly superior to the well-known Dwarf German Black Wax or Golden Wax sorts in every respect. The vines are remarkably vigorous, hardy and productive; the pods are very large, smooth and showy and will sell when all other varieties will be refused; they are tender, perfectly stringless and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth—a very important feature which no other sort does. We pronounce it the most valuable market sort for all market purposes now offered.

We recommend it as being particularly desirable to market gardeners who have to ship long distances, and to those who have a special trade that demands the best quality. Our stock is grown for us by the originator, Mr. Chas. Wardwell, and our customers can depend on getting from us the seed in its original purity. Qt., 35c.; peck, \$1.75; bush., \$6.00.



WARDWELL'S NEW EARLY DWARF KIDNEY WAX BEAN.

WOULD GIVE TWENTY-FIVE DOLLARS A BUSHEL.

J. I. ELDRIDGE, Chicago, Ill., September 15, 1888: "The two bushels of Wardwell Wax Beans I got of you last spring gave my customers such unbounded satisfaction, that I would give twenty-five dollars a bushel rather than do without them another season." For additional testimonials, see page 21 of our GARDEN AND FARM MANUAL for 1889.

KING OF THE GARDEN LIMA BEAN.

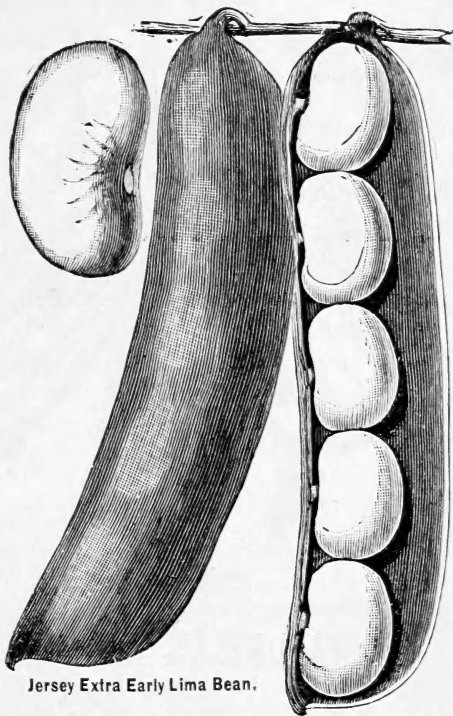
Every MARKET GARDENER who has tried this splendid new Lima has pronounced it a valuable acquisition. It is a vigorous grower, setting the beans early at the bottom of the pole, and continues bearing until frost. Very prolific, four to six beans in a pod, which are borne in clusters of four and five. Owing to its delicious quality, it will outsell any other sort upon the market, while everyone to whom we sold it last season pronounced it from ten days to two weeks earlier than the ordinary Large Lima. Qt., 40c.; peck, \$2.50.

JERSEY

Extra Early

Lima Bean

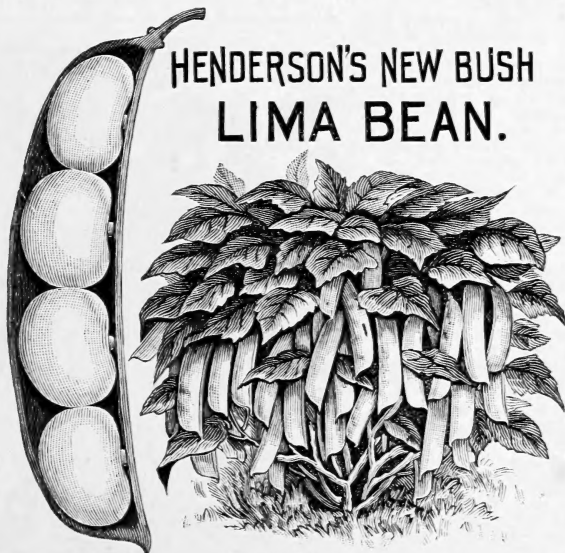
Four years' careful, comparative tests by several of our most prominent Lima Bean growers have proved this selection to be fully ten days or two weeks earlier than any other Pole Lima. The pods are large and numerous, invariably having from five to seven beans, of a pleasant shade of green, in each pod. We advise all our customers who want a "profitable thing" in Lima Beans to plant this sort largely. Qt., 50c.; peck, \$3.00.



Jersey Extra Early Lima Bean.

KING OF THE GARDEN.

HENDERSON'S NEW BUSH LIMA BEAN.



Copyright, 1888.

HENDERSON'S NEW BUSH LIMA BEAN.

This Bean, offered this season for the first time, is at least two weeks earlier than the climbing sorts. It grows fifteen to eighteen inches high and is as compact in form as an ordinary Bush Bean, as shown in the accompanying illustration. The beans are the same size as the Sieva and are borne in profusion from early in July till cut down by frost. Pkt., 25c.; 5 pkts., \$1.00; 12 pkts., \$2.00.

Johnson & Stokes' Selected Extra Early Market Garden Peas.



**2797 BUSHEL OF JOHNSON & STOKES' SELECTED EXTRA EARLY PEAS
WERE SOLD IN 1888 TO THE MARKET GARDENERS OF THE UNITED
STATES WITH THE MOST SATISFACTORY RESULTS.**

This Extra Early Pea, bearing our brand, is a careful selection of our own, and will be found entirely distinct and superior to any other. Our pea farm is situated sixty-seven miles farther North than any other, which largely contributes to their extreme earliness and fine dwarf habit. The pod is of a dark green color, of a full round shape, and of strong texture, which especially fits it for shipping long distances. On average soil it will not exceed eighteen inches in height, and does not require stakes or brush of any kind for support. So evenly do the pods fill up, that frequently the entire crop can be gathered at one picking, which is a very valuable feature for the market gardener. All those requiring a pea to withstand extreme cold weather should not fail to plant this sort. The far Northern point at which it is grown renders it almost proof against cold, and the best for early spring or late fall crop. Prices, qt., 25c.; peck, \$1.00; 1 bush., \$4.00; 5 bush., \$19.00; 10 bush., \$37.50.

MARKET GARDENERS SAY, "NOTHING TO EQUAL IT!"

THE BEST OF SIX OTHER BRANDS.

JNO. R. COOPER, Stillwater, N. Y., Sept. 29, 1888, writes: "Of six brands of extra early peas planted, the Johnson & Stokes' Extra Early excel, both in early maturing, hardiness, production and flavor. They are the earliest by ten days, and suit me and this market to perfection."

FAR AHEAD OF ALL OTHERS.

JOHN MARSHALL, Fort Madison, Ia., writes: "I am hardly able to express my high appreciation of your excellent seeds. Your Johnson & Stokes' Extra Early Peas are grand; they came in far ahead of all other extra earlys. Your Kolb Gem Watermelon is a gem indeed. The Johnson & Stokes' Earliest Cabbage and Cory Sweet Corn far excelled any we have ever raised."

ALL COME OFF IN ONE PICKING.

JNO. G. CLARK, Forrest Grove, N. J., writes: "The Johnson & Stokes' Early Peas are fine, they ripen together; the first picking will clean them up. Your seeds gave perfect satisfaction, I shall use them altogether."

DO NOT MILDEW.

H. M. RITTENHOUSE, Granville, Pa., writes: "I have tried nearly all brands of Extra Early Peas, but find the Johnson & Stokes' Extra Early far excel all others for both early and late crops; they are the only variety that give good crops and do not mildew when planted late."

EARLIEST AND MOST PRODUCTIVE.

J. E. BROWN, Seward, Pa., writes: "The Johnson & Stokes' Extra Early Peas are the earliest and most productive pea that have been known hereabouts."

BEST IN THE COUNTY.

F. L. DURGIN, Burlington, N. J., June 26, 1888, writes: "Your Johnson & Stokes' Selected Extra Early Peas were the best grown in this county this year. They were earlier, more productive, and better quality than any other. You will have the entire trade here another year."



A remarkably fine variety, deserving the strongest praise. Vines are very strong, need but slight support: will produce twenty pods to a vine. The vine branches just under the surface of the soil, producing usually two vines of equal vigor, growing to a height of about two feet. Literally covered with large pods, often containing ten peas each. In quality, none can equal it. The above cut is a correct representation of the size of the pod. It is more sensitive to cold or wet weather than any other wrinkled sort, and on this account should not be sown until the ground is warm. Qt., 35c.; peck, \$2.25; bush., \$8.00.



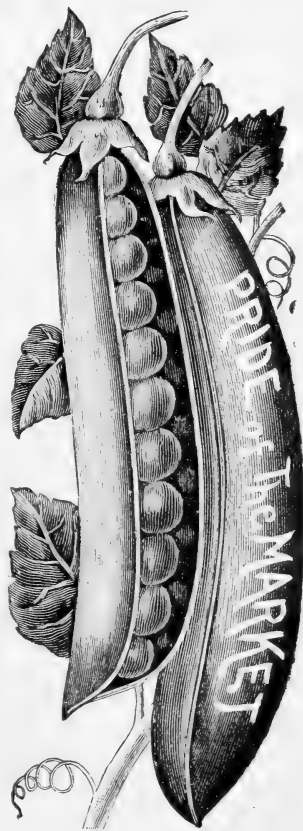
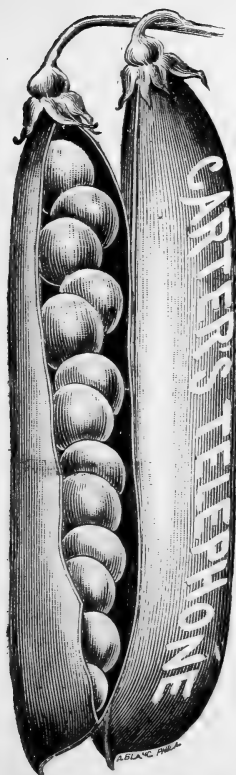
CARTER'S TELEPHONE PEA.

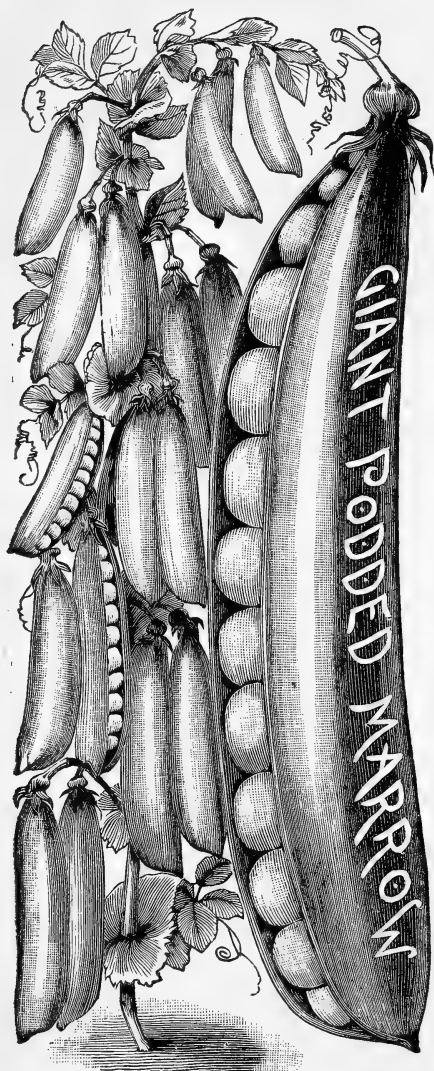
This is one of the finest wrinkled marrows recently introduced. Immensely productive; will average twenty large pods to a stalk, filled with the most delicious kind of peas. Height, about two feet. Very branching; should be given more room to grow than our Extra Early. Qt., 35c.; peck, \$2.25; bush., \$8.00.



PRIDE OF THE MARKET.

A famous English Pea that has given great satisfaction, growing from eighteen to twenty inches high. Very productive and choice quality. The pods are fully as large, and the same shape, as those of the Telephone or Stratagem, and it requires less time to mature than either. Its dwarf habit makes it unusually valuable to the market gardener. Their productiveness is by no means their only recommendation, for the pods are large in size and handsome in appearance, and the peas when on the table are of so splendid a quality that it would be difficult to overpraise them. Qt., 30c.; peck, \$1.75; bush., \$6.50.





NEW GIANT PODDED MARROW PEA.

New Giant Podded

MARROW PEA.

This famous pea gave great satisfaction to all who planted it last season. It grows about twenty inches high, and bears grand pods, well filled with large and finely flavored peas from top to the bottom of the pod. They are unequalled in productiveness, require no support, owing to their fine dwarf stocky habit, and are such heavy croppers, that we know of no pea from which so large a bulk of produce can be obtained from a given number of vines. The pods are large in size and handsome in appearance, and the peas are of so splendid a quality that it would be difficult to overpraise them. This variety is much hardier than either the Telephone or Stratagem, and can be planted much earlier in consequence; it matures about ten days later than our famous Johnson & Stokes' Selected Extra Early. It also makes an excellent pea for planting in the fall or latter part of summer. Qt., 35c.; peck, \$2.25; bush., \$8.00.

Ford's Mammoth Podded Lima Bean.

SEE COLORED PLATE.

For a complete description see page 16 of our GARDEN AND FARM MANUAL. PRICE TO MARKET GARDENERS, pkt., 20c.; 4 pkts., 50c.; 8 pkts., \$1.00.

The Startle or Twenty-Day Forcing Radish

SEE COLORED PLATE.

For a complete description see page 16 of our GARDEN AND FARM MANUAL. PRICE TO MARKET GARDENERS, oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

New Mammoth Onion, The Madrid Giant.

THE KING OF ALL RED ONIONS.

SEE COLORED PLATE.

For a complete description see page 16 of our GARDEN AND FARM MANUAL. PRICE TO MARKET GARDENERS, $\frac{1}{2}$ oz., 40c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50.

Johnson & Stokes' Market Gardeners' Cabbage, No. 2.

SEE COLORED PLATE.

For a complete description see page 16 of our GARDEN AND FARM MANUAL. PRICE TO MARKET GARDENERS, oz., \$1.25; $\frac{1}{4}$ lb., \$4.00.

NEW SPANISH ONION

THE
MADRID GIANT

THE
STARTLE

or 20 day
forcing
RADISH

PKT. 15¢

OZ. 35¢

¼ lb

50¢

THE LARGEST & QUICKEST
GROWING OF ALL ONIONS
PKT. 20¢ 3 PKT. \$5.00 OZ. \$1.00

JOHNSON & STOKES

MARKET GARDENERS

CABBAGE NEED

EARLIEST
ON EARTH

THE
KING

of all CABBAGE as a second

early & summer market sort equally

PKT. 25¢ 3 PKT. \$6.00 OZ. \$1.50 ¼ lb \$5.00. Winter

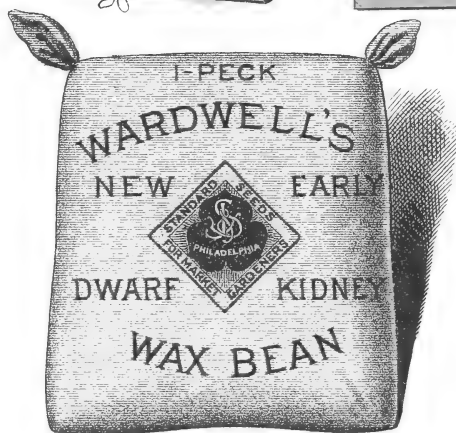
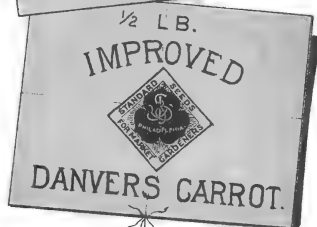
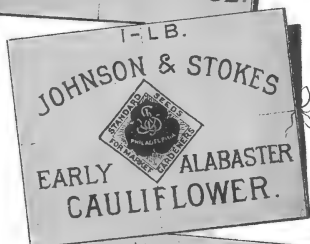
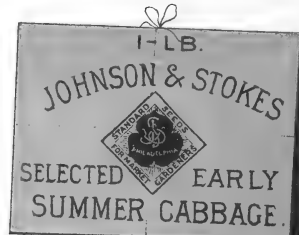
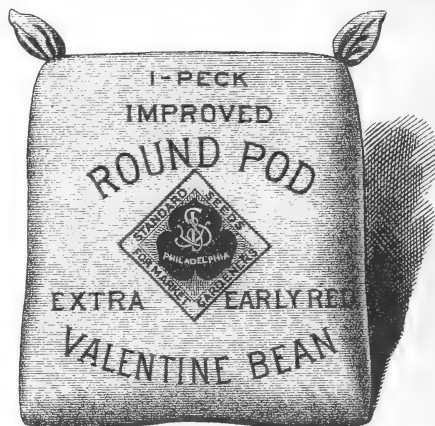
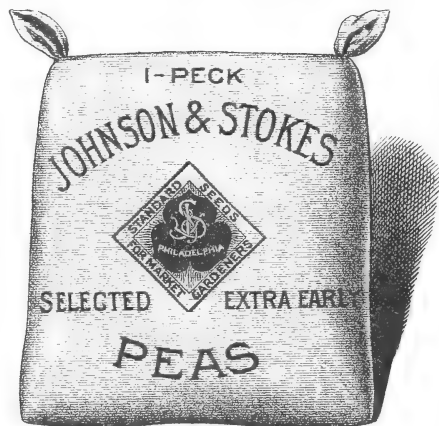
NATURAL
SIZE OF
POD

FORD'S NEW
MAMMOTH PODDED
LIMA BEAN

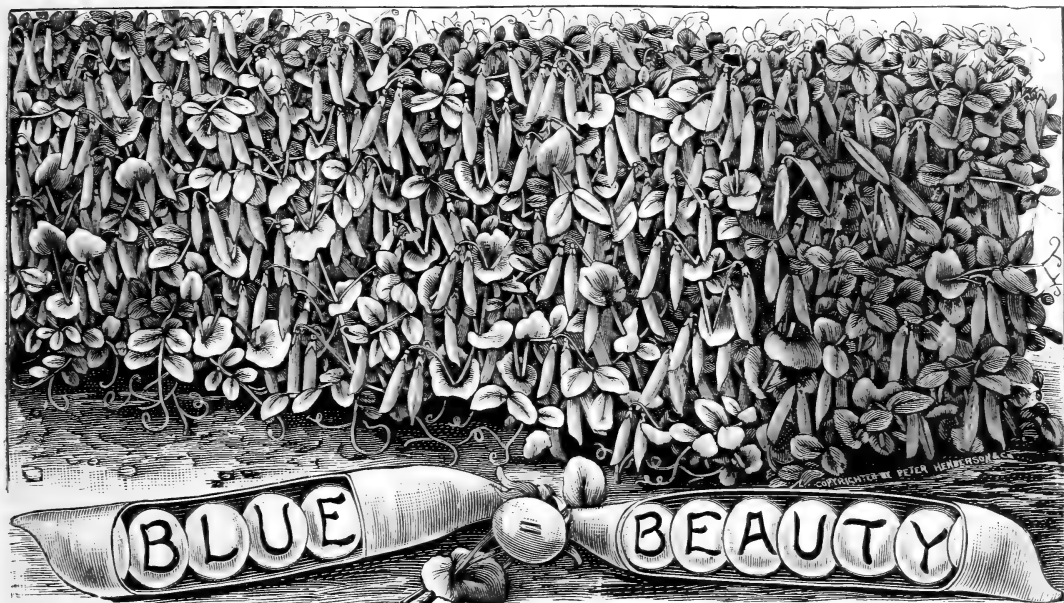
absolutely the largest
finest flavored
and most productive of all LIMA'S

PKT. 25¢ 3 PKT. \$6.00 6 PKT. \$10.00

SPECIALTIES FOR MARKET GARDENERS.



NEW DWARF BLUE BEAUTY PEA



This new sort is not as early as our famous Johnson & Stokes' Selected Extra Early, still it has many points of merit to recommend it to the market gardener. It is a blue, round pea, the pods are of medium size, are borne in great profusion and are well filled for so early a pea. In quality and flavor it cannot be surpassed by any other early smooth sort. The vines are very uniform in growth, rarely reaching more than eighteen inches in height. Qt., 35c.; peck, \$2.25; bush., \$8.00.

CLEVELAND'S ALASKA PEA.

The earliest blue pea, very uniform in growth. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color; which quality, combined with its earliness and uniformity of ripening, makes it a most desirable extra early pea for market gardeners; height, two feet. Qt., 25c.; peck, \$1.25; bush., \$5.00.

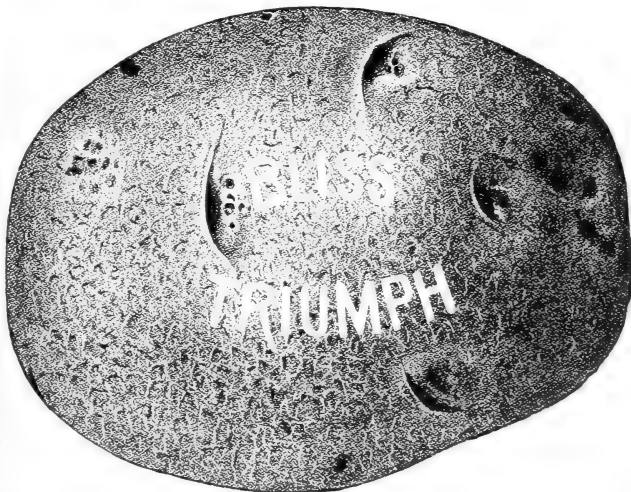


BLISS' TRIUMPH POTATO.

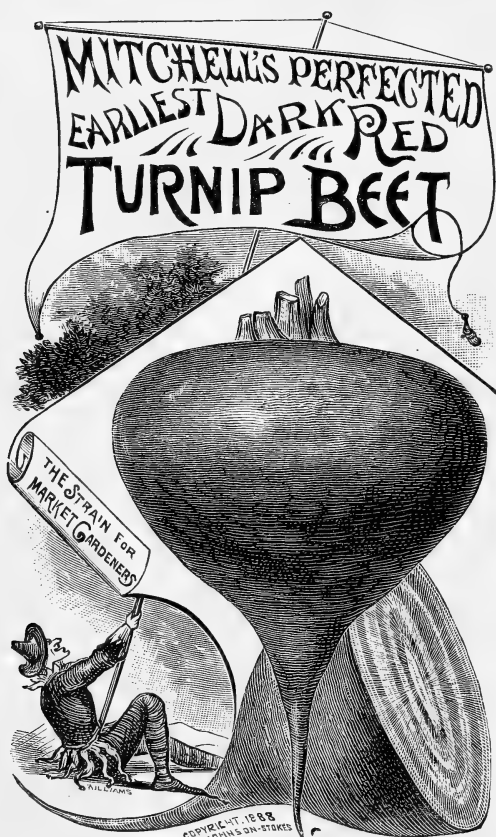
This beautiful variety is, without exception, the most attractive in appearance of any that we have offered, and will also compare favorably with the best of them in quality. It combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive and matures its crop at least ten days in advance of that favorite sort, before the second crop of beetles appear.

In color and form it resembles the Garnet Chili, though greatly improved in form and quality. Tubers of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red, strongly resembling the early varieties from Bermuda; flesh fine grain and of excellent flavor. Vines about two feet in height, erect, with but a few lateral branches, covered with long, dark green foliage.

The tubers grow compactly in the hill and are easily harvested. It is an excellent keeper, not inclined to sprout early. Its great beauty, productiveness and fine quality will make it one of the best market varieties in cultivation. It seems peculiarly adapted for cultivation in the Southern and Southwestern States, orders having been received this season from one city in the Southwest for 500 bbls. for seed. It is one of the few varieties that has been steadily improving instead of deteriorating by age. Peck, \$1.00; bush., \$2.50; bbl., \$6.50.



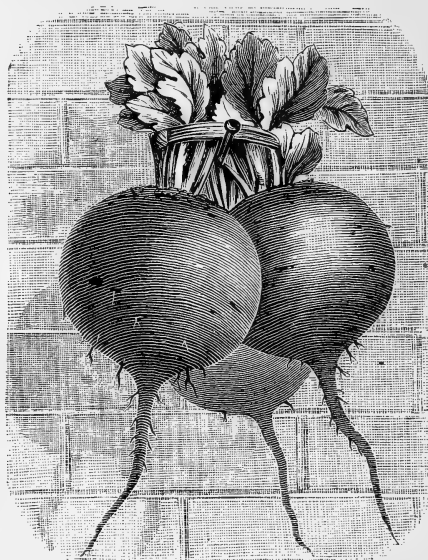
THE CREAM OF THE BEETS.



MITCHELL'S PERFECTED

Earliest Dark Red Turnip Beet

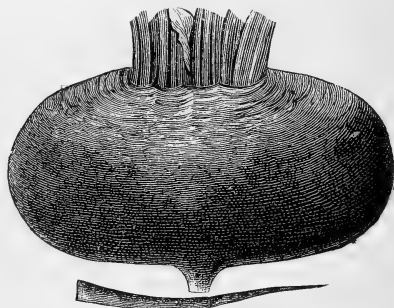
This unparalleled new variety, now offered to the public for the first time, was originated and grown by Geo. Mitchell, a prominent Philadelphia market gardener. It is entirely distinct from any other sort, and is, without exception, the **earliest beet** ever produced, while its table qualities are much superior to any variety with which we are familiar, either of American or foreign introduction. It has the color and small top of the well-known Egyptian variety, which admirably fits it for growing under glass, but, unlike the latter, it is tender, sweet and juicy, even after it has lost its leaves from age. While the Egyptian has heretofore been about the earliest sort obtainable, it is a well-known fact that its poor quality often rendered it undesirable, and that it is not marketable at all in its middle and later stage of growth, owing to its tasteless, hard, woody nature, and disposition to crack open. These defects, as well as all others, are entirely absent in the **Mitchell Beet**, and we give it an unqualified recommendation to all those who wish to plant the **earliest and best Dark Red Short Top Turnip Beet**, either under glass or in the open ground, for private use or market purposes. $\frac{1}{4}$ lb., 35c.; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.00.



NEW ECLIPSE BEET.

EARLY ECLIPSE BEET.

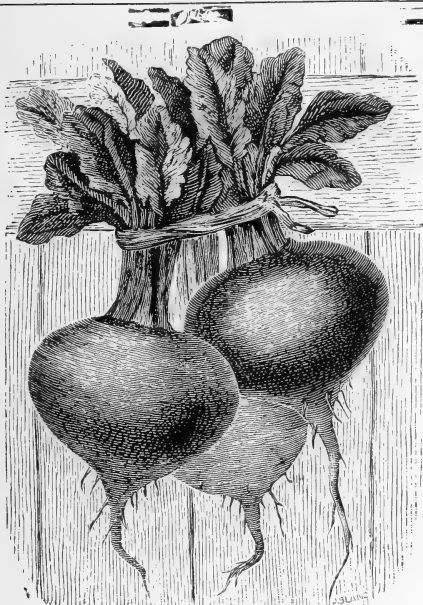
No other early variety has had so extensive a sale as this. It is fully as early as the Egyptian, and, unlike the latter, is of excellent quality when young. We know our stock to be perfectly pure, as it was grown in Philadelphia county from stock that has been repeatedly selected. Our strain is remarkable for its extreme earliness, smoothness, fine shape, intense blood-red color and small top. **Lb., 60c.; 10 lbs., \$5.00.**



EARLY EGYPTIAN BLOOD TURNIP BEET.

Early Egyptian Blood Turnip Beet.

This variety is one of the earliest in cultivation and a leading early sort for growing under glass. Its remarkable small top and rapid growth particularly fits it for this. It is also an excellent sort for sowing early in the open ground. Quality fair when young, color dark crimson. Our stock is imported direct from the originator, and those intending to plant this sort can rely upon our strain for every important quality. **Lb., 50c.; 10 lbs., \$4.00.**



BASTIAN'S EXTRA EARLY RED TURNIP BEET.

BASTIAN'S EXTRA EARLY BLOOD TURNIP BEET.

An old well-known sort of very quick growth, large size, dark red color, and salable shape; good for early or late sowing. Lb., 50c.; 10 lbs., \$4.00; bush., \$6.00.

Acme Second Early Deep Blood Turnip Beet



All planters of beets for market purposes will at once recognize in this new introduction a variety of incomparable value, as it is the only second early, or late dark red turnip beet offered by the trade, fully adapted to the wants of the market gardening community. It has so many points of merit that it is really difficult to describe. The following are, however, a few of its many valuable qualities: Of handsome, round shape, the skin is very deep blood red in color, and the flesh is also very dark, and exceedingly sweet and tender in quality. The beets grow regularly of good marketable size, and entirely devoid of long, coarse, firm-like roots so common to the old late turnip beet. It has a medium short top, the leaves, like the beet, are of a very dark red, shading at times to almost a black color.

It is not only valuable for second early, summer and autumn use, but is a pre-eminently fine sort for planting in July, to be kept in pits for winter and early spring sales. No market gardener who caters for local

trade can afford to be without this highly valuable new sort. In order that it may have as wide a distribution as possible, we have made the price exceedingly low for a novelty. Oz., 10c.; $\frac{1}{2}$ lb., 25c.; 1 lb., 75c.; 2 lbs., \$1.25; 5 lbs., \$2.50; peck, \$2.00.



PHILA. PERFECTION HALF-LONG BLOOD RED BEET.

Phila. Perfection

Half-Long Blood

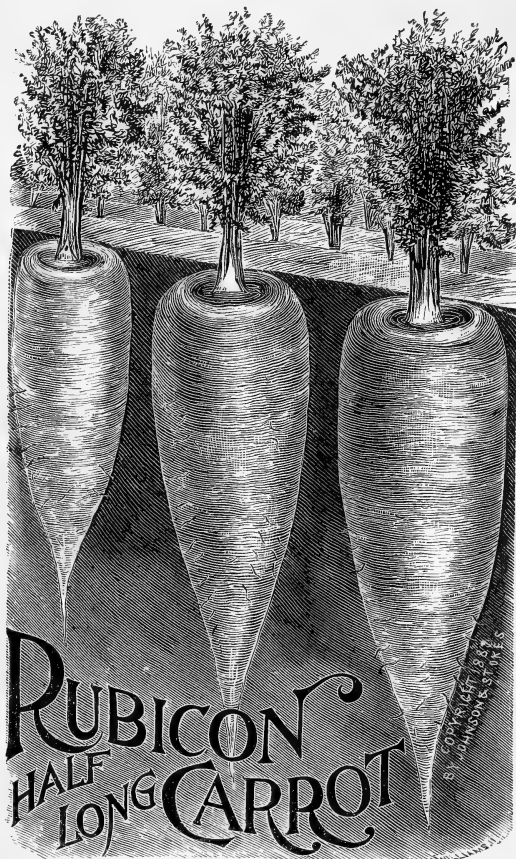
Red Beet.

This new variety is superior to the Bastian's Half-Long, and is the result of several years of critical selection from it, by a prominent market gardener of this city, and is rightly named Perfection. The engraving was made from a photograph of a specimen grown by us. It is certainly one of the most beautiful varieties we have ever seen, of a half-long shape, deep blood-red color, with a deep, rich crimson foliage; flesh, fine grained, tender, sweet, juicy and unsurpassed in quality. It is of very thick growth, and is not only one of the best for early use, but also for fall and winter use, being an excellent keeper. We cannot recommend it too highly for either family use or market purposes. Lb., 50c.; peck, \$1.50; bush., \$6.00.



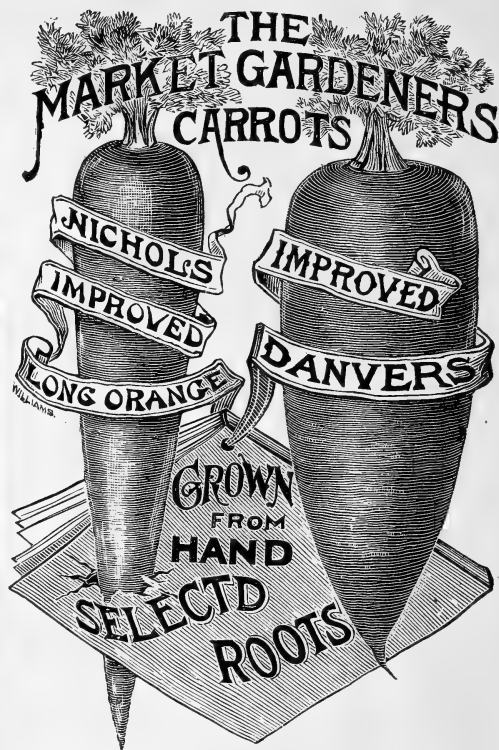
LENTZ'S EXTRA EARLY BLOOD TURNIP BEET.

We were the first to offer this valuable variety to the public. It originated with the Lentz family, who are among the best market gardeners about Philadelphia. They have carefully kept the seed among a few, to whom it has been a source of great profit. We recommend it as containing all the valuable essentials of an early beet. It is fully as early as the Egyptian, but larger and of better quality, of fine, dark red color, tender and sweet at all times, whether old or young. It has a very small top, and will produce a crop in six weeks from time of planting the seed. It is a keeper. Lb., 60c.; 10 lbs., \$5.00; bush., \$7.00.



New Rubicon Half Long Carrot.

In the Rubicon we have an entirely new, distinct and choice carrot, very symmetrical in shape, and of a dark orange color. The stock is so finely bred that the carrots have attained such uniform shape that they are almost exact duplicates of each other. It is earlier than the Danvers and about the same length; the leaves are one-third shorter, fewer and finer than this well-known sort; these features make it extremely well adapted to growing under glass. It is a splendid sort, however, for growing outside at any season of the year. It grows without neck, the crown is hollow, and it grows well under the ground, which prevents it from becoming sun-burnt—a very important feature, and too much cannot be said in its praise. Our customers will find the Rubicon a decided acquisition and need have no hesitation in planting it largely. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50; 2 lbs., \$2.50.



Nichols' Improved Long Orange Carrot.

We procured this stock, now offered for sale for the first time, from Mr. Robert Nichols, who for many years has been one of the most successful market gardeners of this city, and the mere mention of his name among his brother gardeners will be sufficient guarantee of its excellence. The strain is earlier than either the well-known Danvers or Long Orange as usually sold. The color is of a deep golden orange when no thicker than an ordinary lead-pencil, shading to a deep orange red when fully grown. The root is perfectly smooth from the shoulder to the extreme tip, and entirely devoid of side rootlets in all stages of growth. It grows without any neck whatever, the top is short, and this, together with its extreme earliness, admirably fits it for growing in hot-beds.

We pronounce it a superb carrot, either for early or late use. Oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25; 2 lbs., \$2.25.

Improved Danvers Carrot.

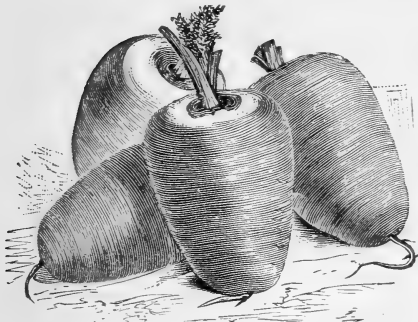
Our pure American stock of this valuable variety is preferred by many market gardeners to any other sort for forcing under glass. The top is very small; color of a rich shade of orange; shape very handsome and smooth; quality the very best. One highly valuable feature of our strain is that it has its full color when quite young, which enables it to be pulled sooner than any other sort. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.; 2 lbs., \$1.40.

PROOF OF HIGH EXCELLENCE.

ALEXANDER Q. RIMBY, Washington, D. C., writes, November 29, 1888: "I have grown over forty varieties of late cabbage offered by the leading seedsmen of this country. I find, however, that the **DIAMOND WINTER CABBAGE** you sent me the last two seasons to be the most satisfactory and valuable of all. Words cannot express my high opinion of it. I enclose the money for four pounds, which please send at once, by express."

SEE PAGE 5 FOR FULL DESCRIPTION.

Ideal True Hollow Crown Parsnip.



EARLY OX-HEART CARROT.

We offer a greatly improved and wonderfully fine strain of **True Hollow Crown Parsnip**. The roots do not grow as long as the old hollow crown variety, are of larger diameter at the shoulder and tapering off rapidly, and are more easily gathered. It is a very heavy cropper. The roots are very smooth, white, the flesh fine grained and of most excellent quality, and present an exceedingly handsome appearance. $\frac{1}{4}$ lb., 20c.; 1 lb., 70c.; 2 lbs., \$1.30.

Early Ox-heart, or Guerande Carrot.

Market gardeners should plant more of this fine early sort than they do. We cannot recommend it too highly for either early or late planting; its yield is enormous. In length it is intermediate between the Short Horn and the Danvers, but much thicker than the latter. Both its color and quality are all that can be desired in a carrot. $\frac{1}{4}$ lb., 25c.; 1 lb., \$1.00.

Early Half-Long Scarlet Carrot,

(POINTED ROOTED.)

EARLY HALF-LONG SCARLET CARROT. Owing to its very small top and earliness, this variety is largely used for growing under glass, as well as out-door culture; the color is of a deep shade of orange, while the stripe is perfect. Our stock is **true** in every respect. $\frac{1}{4}$ lb., 25c.; 1 lb., 80c.

Improved Long Orange Carrot.

This is a marked improvement on the Long Orange as generally sold. Grows very uniform and smooth, and possesses a rich orange color. $\frac{1}{4}$ lb., 20c.; 1 lb., 60c.; 2 lbs., \$1.00; 5 lbs., \$2.25.

New St. Vallery or Intermediate Carrot.

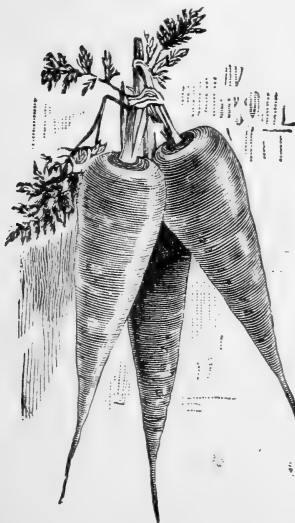
This splendid variety originated in France, near the city of St. Vallery, from whence it takes its name. It has grown rapidly in popularity among French growers, superseding most of the older sorts. It grows to uniform large size, intermediate in shape between the Half-Long and Long Orange. The roots are straight and smooth, broad at the top, measuring about two and three-quarter inches across with a length of about eleven inches. The color is a rich orange red; its table qualities are faultless. $\frac{1}{4}$ lb., 20c.; 1 lb., 70c.

Extra Large Smooth Prague Celeriac.

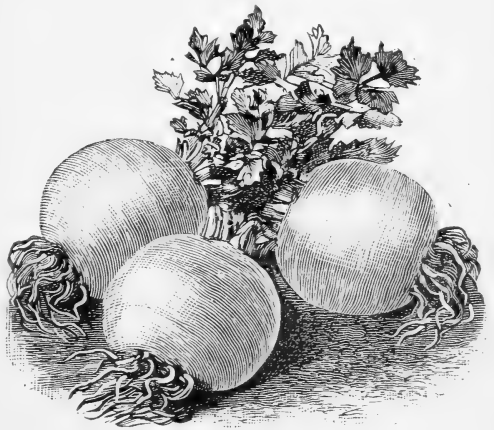
The largest, smoothest and best of the celeriacs. It has small leaves, a fine neck, may be planted very thickly, and will yield a heavy crop. A valuable variety for market, on account of its fine, regular form and excellent quality. All the side rootlets are produced on the taproot, which makes it very easy to clean. 2c., 20c.; $\frac{1}{4}$ lb., 70c.; 1 lb., \$2.50.



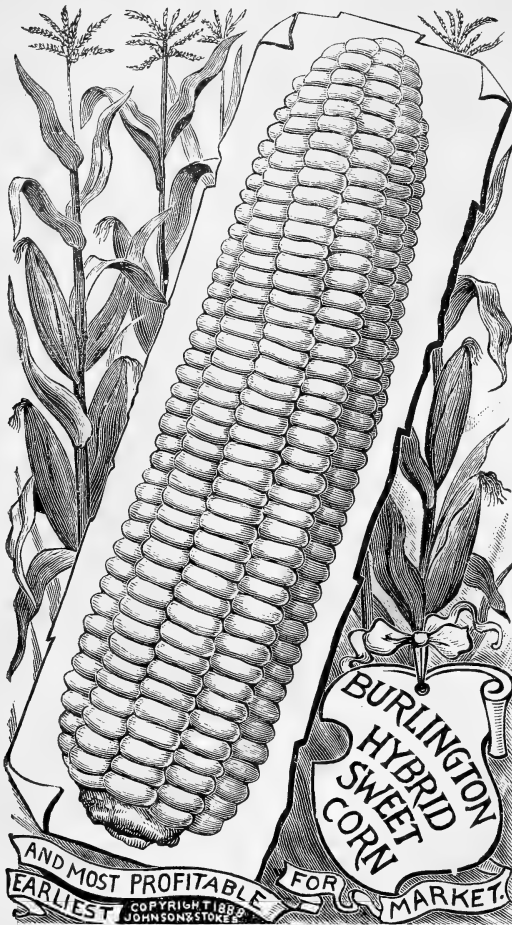
J. & S. IMPROVED LONG ORANGE CARROT.



NEW ST. VALLERY CARROT.



NEW EXTRA LARGE SMOOTH PRAGUE CELERIAC.



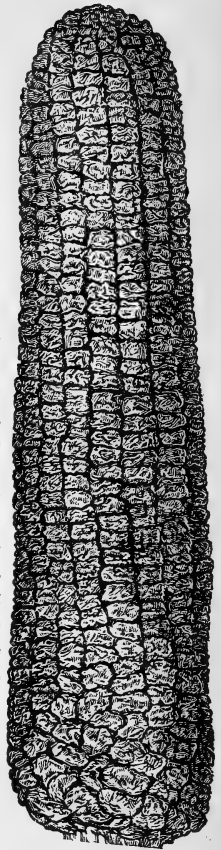
Burlington Hybrid Sweet Corn.

There is nothing in this Catalogue more worthy of the careful consideration of market gardeners than this new corn, and we feel highly gratified in being the first seedsmen to offer it to the public. It is not an untried novelty, having been grown for several years, with great profit, by a few truckers of Burlington County, N. J., who have kept the stock closely guarded among themselves. For three years we have been trying to get enough seed to grow a crop, and did not succeed until last spring. It is a cross between Adam's Extra Early and some large-eared productive variety of sugar corn. Its great market value can be readily seen, from the fact that it is quite as early as the Adam's, with an ear fully as large as Stowell's Evergreen, and more productive than either, producing equal to the most prolific field corn. Although not legitimately a sugar corn, yet the husks, blades and ear in a green state exactly resemble the sugar varieties, and it sells readily in market as a sweet or sugar corn. It is, however, of much better eating quality than the Adam's. When dry, the grain is smooth and of a creamy-white color. The stalks grow to a height of about five feet and very compact, admitting of closer planting than any other variety; the ears begin to set low down and are borne three to four to a stalk. **Strange to say, the worms that attack all other varieties of corn never injure this sort.** Qt., 40c.; peck, \$2.50.

SHAKER EXTRA EARLY Sugar Corn

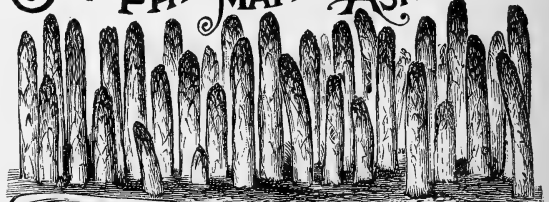
Combines not only earliness, but large size and superior quality.

It is earlier than the Triumph or Stabler, and produces ears somewhat larger, each containing twelve to fourteen rows of kernels, well filled to the end. The grains are large, pure white, and in quality are unsurpassed in richness and delicacy of flavor. It is pre-eminently the best extra early sort for the market gardener, as it will produce good, large size, marketable ears from a week to ten days earlier than any other white grained sort. No other extra early sort that we have ever sold has given such unbounded satisfaction to our market gardening friends as this. Qt., 20c.; peck, \$1.00; bush., \$3.75.



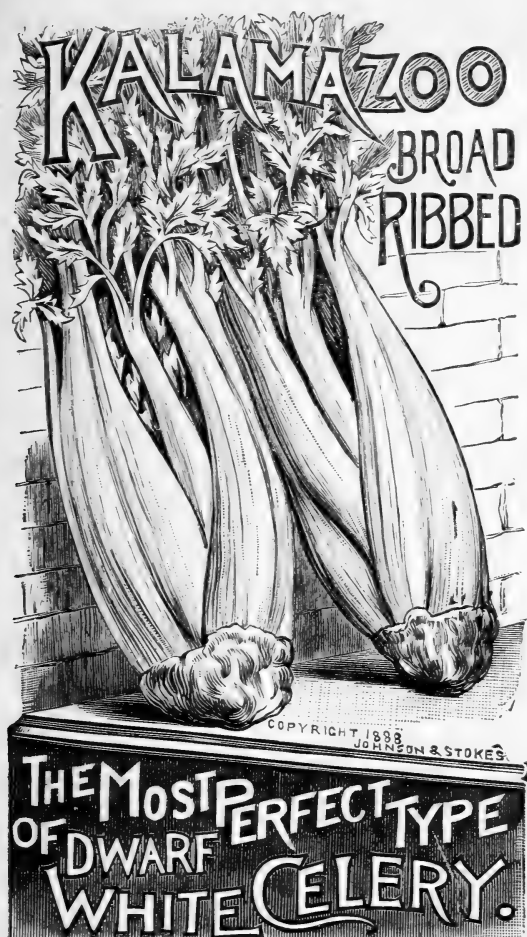
Shaker Extra Early Sugar Corn.

BARR'S PHILA. MAMMOTH ASPARAGUS



EARLIEST AND LARGEST IN CULTIVATION

BARR'S PHILADELPHIA MAMMOTH. This asparagus is superior to any yet offered for sale in this country. It originated about six years ago with Crawford Barr, of Montgomery County, Pa., a prominent market gardener. Grown side by side with the Conover's Colossal, and subject to the same treatment, it came in earlier and grew more than twice as large. It is very productive, throwing up a great number of strong, well-developed shoots throughout the entire season. It is tender to the stem and of delicious flavor, which, together with the fact that it requires much less labor in cutting and bunching, thus lessening the expense of marketing, makes it much the most desirable of any kind yet introduced for the market gardener. It has attracted much attention in Philadelphia markets, where it is much sought after and sells at double the price of any other sort. We have seen a bunch of twenty-five edible shoots weigh thirteen pounds. It is now grown by many of the leading market gardeners of Philadelphia, Chester and Montgomery Counties with great profit. Price of roots: 1 year old, \$1.00 per 100 (by mail, \$1.25 per 100); \$5.00 per 1,000; 2 years old, \$1.25 per 100; \$6.00 per 1,000. (500 roots at 1,000 rate.)

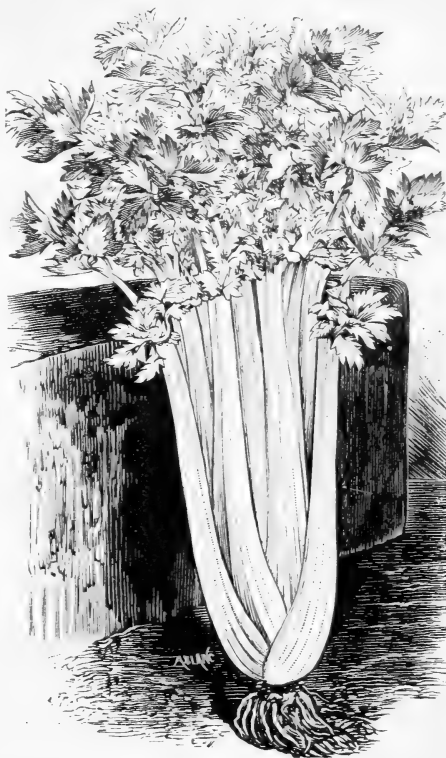


KALAMAZOO

Half :: Dwarf :: Broad :: Ribbed :: Celery.

This new variety, now offered for the first time, originated with a prominent celery grower at Kalamazoo, Michigan, and is pronounced by what few gardeners who have been fortunate enough to obtain the seed: "The most perfect type of Half Dwarf White Celery known."

It is very distinct and handsome, of a beautiful cream white color throughout, attains a very large size, of quick growth, stiff and close habit (as shown in our illustration), is remarkably solid, crisp eating and fine flavored. Ribs are very broad, thickly and closely set, while by reason of its neat growth and showy appearance, it is a specially valuable variety for market. It is also a first-class keeper, remaining fit for use as long as the Golden Dwarf and other good keeping sorts. For the use of hotels, restaurants and other large establishments it is superior to most other kinds, there scarcely being any waste in dressing it for the table. It has such a distinctive appearance in growth as to cause almost every one seeing it to exclaim: "What celery is that?" Long rows of it being as level and even as though each plant had been shaped in the same mould. It is sure to take the lead, and market gardeners and private planters will make no mistake in planting it largely. Oz., 30c.; $\frac{1}{4}$ lb., \$1.60; lb., \$3.75.



JOHNSON & STOKES' GOLDEN SELF-BLANCHING CELERY.

JOHNSON & STOKES' GOLDEN SELF-BLANCHING. This new variety, which we first introduced to the American public in 1884, we can recommend to our friends and customers with great confidence. It is pronounced by all our market garden patrons who have grown it on our recommendation the **very best celery in cultivation.** Unlike other self-blanching varieties, it is a **perfect keeper**, fully equalling Golden Dwarf, Boston Market and other varieties which are celebrated for their keeping qualities. Our illustration above will give some idea of its **handsome form** growing to very large size, but very stocky and robust. The stalks grow vigorously, with large ribs, very thickly and closely set. It is **entirely self-blanching**, without any banking-up or covering whatever, even the outer ribs assuming a yellowish-white color of a very fresh and pleasing appearance. The heart is of a **beautiful golden yellow color, very large, crisp and solid, and unsurpassed in delicious quality and flavor.** It is unequalled in striking appearance on the table or market stall. **Beware** of mixed and spurious seed of this variety. Our supply of seed is **grown by the originator and each package** contains our trade label. Oz., 60c.; $\frac{1}{4}$ lb., \$1.75; lb., \$7.00.

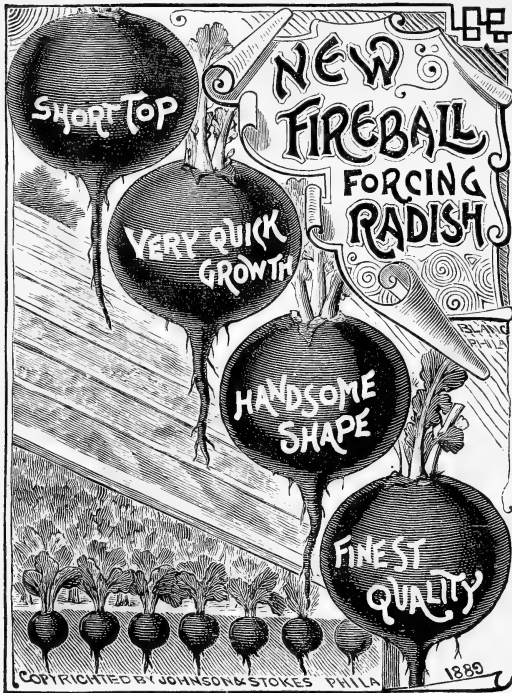


T. E. DALTON, Sarasota, Fla., writes: "Received potatoes and seeds in good condition. The potatoes are the best I ever purchased. To get the best seeds for my money, I shall patronize your house in the future."

DANIEL H. GLATFELTER, West Manchester, Pa., writes: "You certainly sent me a fine lot of seeds; they are the cheapest and best I ever bought; only regret I did not double my order. The New Onion No. 5 (Madrid Giant), sent me for trial is a wonder."

S. E. HOPE, Taylor P. O., Md., writes: "I have been getting seeds for myself and neighbors for the last five years from your house and they have proved more than satisfactory in every instance."

R. I. OVERSTEG, Oversteg, Col., writes: "Your seeds give great results. The radishes sell at sight, without any talking. The Eclipse Beet is the sweetest of all beets. I must say your J. & S. Earliest Cabbage is a dandy. From your seeds I harvested the first good crops in seven years. Will have no others in future."



New Fireball Forcing Radish.

The shape of this exceedingly valuable variety is well shown in the above illustration, although it grows nearly twice the size; it is best to market it when 'about the size shown above. It is the finest forcing turnip variety ever introduced. It has a very small short top, color brilliant scarlet, crisp, solid, tender, and of fine flavor. It is alike valuable for out-door planting early in the spring or late autumn, and will always command ready sale at good prices throughout the year. We cannot recommend it too highly. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

New Olive-Shaped Golden Yellow Summer Radish.

This is undoubtedly the finest quality and most salable yellow summer radish yet introduced. All the market gardeners who had it last year pronounced it the best they ever grew, and far superior in all respects to any other yellow summer sort. It is of a very rapid growth, very small top, flesh pure white, tender, crisp and brittle, does not become pithy, and will remain in a marketable condition longer than any of the older sorts. The skin is a bright, fresh yellow, and quite transparent. It is equally well adapted to sowing early on borders; it is a valuable acquisition. $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$1.00.

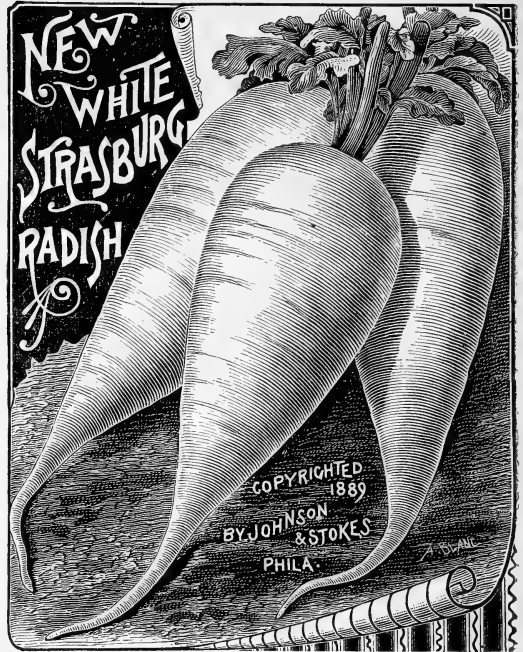
OUR RADISH SEED.

J. C. KIRKHAM, Wilmington, N. C., writes: "Your White Box and Strasburg Radishes were the finest paying crop I ever grew. I could never get anything to suit me in radishes until I tried you."

B. F. TROUTMAN, West Freedom, Pa., writes: "The Philadelphia White Box Radish excels every variety in this section. Your lettuce is the wonder of all gardeners and farmers. All seeds proved grand."

WM. RANKIN, Green Cove Springs, Fla., writes: "Your White Box Radish is superior to any I have ever grown. Too much cannot be said in its praise."

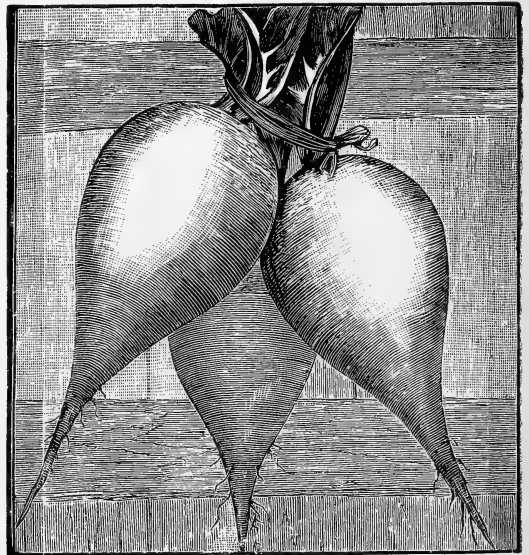
WM. HESIEDING, Terre Haute, Ind., writes: "The White Box Radish is the best and earliest I ever grew."



New White Strasburg Summer Radish.

This valuable variety was first introduced by us five years ago, and is now the most popular summer radish grown. It is a handsome tapering shape, both skin and flesh are pure white and almost transparent, very tender and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed; it continues to grow without losing its fine quality and remains in a tender condition longer than any other summer sort. Compared with the Philadelphia White Box and Newcom, it grows somewhat larger, but will not mature quite so early. It thus makes a good sort to secure a succession of pulling.

There is much cheap and spurious seed being offered. Procure your stock direct from us and have it reliable. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50.



NEW OLIVE-SHAPED GOLDEN YELLOW SUMMER RADISH.

Philadelphia Gardeners' Long Scarlet

Short Top
RADISH.

This very excellent new strain is the result of years of patient and careful selection. There is just as much difference between this strain and the European, which has heretofore been America's only source of supply, as there is between the American and European grown potato. Briefly stated, the improvements are these: It is fully **six days earlier**, has a **shorter and more compact top**, will remain in the ground longer without becoming pithy or going to seed. In shape it is somewhat shorter and thicker, thus enabling it to withstand transportation better, which is a very desirable feature. In color the upper portion is of an **unusually deep brilliant red**, which gradually shades to a deep waxy pink towards the tip. Owing to its handsome shape, brilliant color and fine eating qualities, it invariably **commands a higher price** and more ready sale than the European Long Scarlet as generally sold. Market gardeners everywhere should try this fine strain. **No other can equal it.** Oz., 10c.; lb., 75c.; 2 lbs., \$1.25.

New White Lady-Finger Radish.

This is unquestionably the **finest long white radish** in cultivation. Shape most attractive and handsome, as shown in our illustration, while in color it is a beautiful snow white. It is of very rapid growth, and its fine white flesh is **remarkably crisp, brittle and tender**; equally desirable for the market or home garden. **Sow Ladyfinger once and you will sow it always.** Oz., 10c.; lb., \$1.00; 2 lbs., \$1.90.

OUR RADISH SEED.

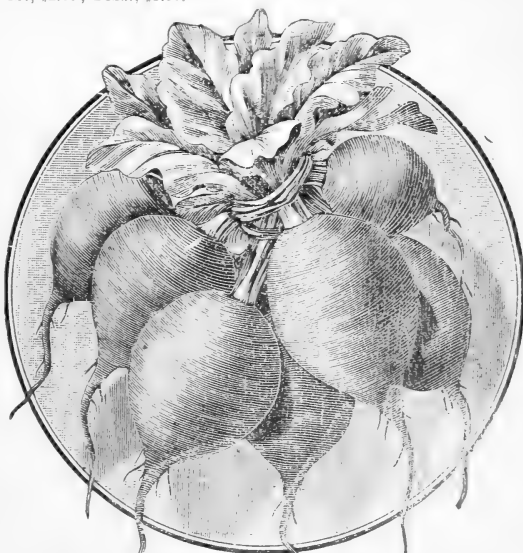
J. C. CONFER, Johnstown, Pa., writes: "The White Box Radish gave great satisfaction, grew rapidly, large and tender; the best radish to sow successively every two weeks."

GEO. W. FRIZZELL, Norfolk, Va., writes: "Your Philadelphia Long Scarlet was fit to pull five days earlier and better in every other way than any other I ever got elsewhere. Your White Box Radish is worth a mint to any grower."

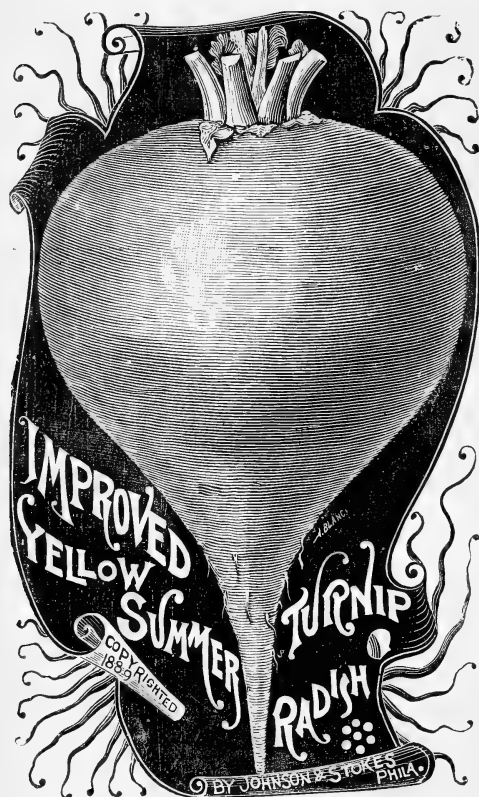
JAMES LEAVESLEY, Bustleton, Pa., writes: "All your radishes are simply immense. I will never use any other."



PHILADELPHIA WHITE "BOX" RADISH. This variety, which we offered for sale last spring for the first time, is **much superior** and entirely new and distinct from any early white turnip radish heretofore offered. Its points of superiority are **remarkably short top, rapid growth, perfect turnip shape, extra fine quality**, and showing no disposition whatever to become pithy with age, but, on the contrary, remains solid and juicy long after fully grown. Its short top and rapid growth especially fits it for growing under glass, in frames or "boxes," hence its name, as well as early sowing on squares or borders in the open ground. Owing to its very few short leaves, it can be sown very thickly in the row without causing the leaves to "draw." In fact, it is fit to pull before the leaves are large enough to tie. Fully one-half more radishes can be grown in the same space of this sort than any other, which makes it extremely valuable to those engaged in forcing under glass. Oz., 10c.; lb., \$1.00; 2 lbs., \$1.90.



EARLY SCARLET GLOBE RADISH. For forcing in the green-house hot-beds or cold frames, and for sowing on open borders early in the spring, there is no other red variety so desirable. It is one of the earliest; its color is the handsomest; in flavor it is the mildest, most crisp, juicy and tender of any sort we know of. It forms a small top and will stand a great amount of heat without becoming pithy. It is the market gardeners' favorite as a forcing radish. It always commands a much higher price, and will sell "three to one" compared with any round red sort. Price, oz., 10c.; lb., 75c.; 2 lbs., \$1.40.



New Improved Large Yellow SUMMER TURNIP RADISH.

This exceedingly fine type of yellow summer radish, which we now offer to the public for the first time, is the result of hybridizing and many years' continued selection by a well experienced Philadelphia market gardener, to whom we paid an enormous price for our stock seed. We call particular attention to the fact that it **can only be procured from us**. Its shape is well shown in the accompanying illustration. The neck is much smaller, leaves finer, flesh whiter and of a much better shape than the old yellow summer, and always commands a readier sale at a higher figure and withstands the summer heat better.

Market gardeners will find it a most valuable acquisition. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 2 lbs., \$1.80.

Large White Summer Turnip or Globe Radish.

Our strain of this very important sort will be found superior to any other. Is of beautiful form, pure white skin and flesh, which is very crisp and brittle; grows quickly to a large size, withstands summer heat well and will give equally as good satisfaction as our New Improved Large Yellow Summer Turnip, which it closely resembles in shape, illustrated on this page. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 2 lbs., \$1.10.

Parsley.—Market Gardeners' Best.

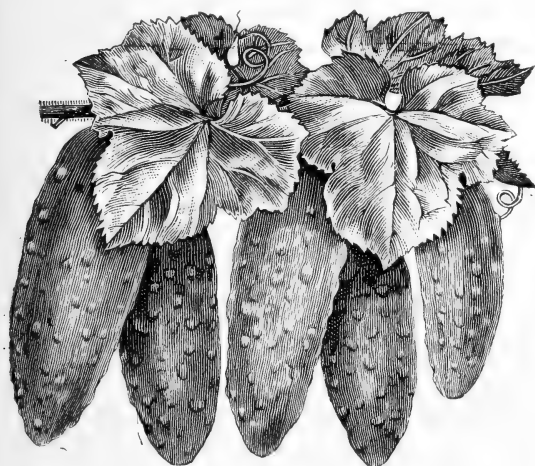


The best points yet obtained in Parsley have certainly been reached in this sort, offered last season for the first time. The plant is of very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green hue, and very fine for either open ground or frame culture. It stands heat, drought and cold better than any other extra curled sort we ever saw. This variety will yield double that of any other sort and will be found invaluable for selling in bunches or bunched with "pot-herbs." The whole appearance of the plant is very handsome, and it certainly is "the Parsley for the Market Gardener." Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., \$1.00.



New Cucumber, Evergreen White Spine.

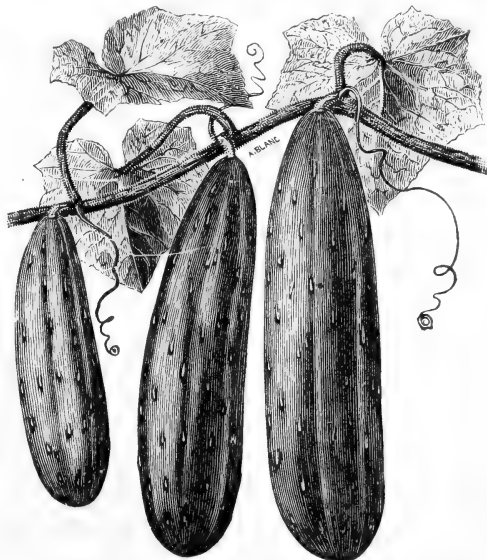
We have sold this entirely new and improved strain of this well-known Cucumber for three years, and have received hundreds of letters from customers who purchased the seed, all of whom agree in pronouncing it the handsomest and most productive of any they have ever grown. It differs from the ordinary White Spine in the fact of always *remaining of a deep green color* in all stages of growth. It grows *extra long*, of handsome, smooth shape, *very early and prolific*. It is a very hardy sort and will not turn yellow after being picked from the vine, but will permanently retain its deep green color. The flavor is delicious, the flesh being unusually *tender and crisp*. As a shipping variety it is superior to any we know of, and its fine appearance always insures "top notch" market price. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



JERSEY EXTRA EARLY PROLIFIC PICKLE.

JERSEY EXTRA EARLY PROLIFIC PICKLE.

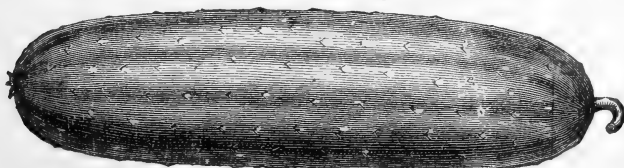
This splendid new variety was originated and selected by a prominent New Jersey pickle grower in the celebrated pickle section on the Delaware River, about twenty-five miles above Philadelphia, where more pickles are grown than in any other section of the United States. It is ten days earlier than the old Long Green or Jersey Pickle and more productive. It is pronounced by growers of thirty years' experience, "a perfect pickle in all respects." Try it. Oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$2.00.



IMPROVED LONG GREEN CUCUMBER. (JERSEY PICKLE.)

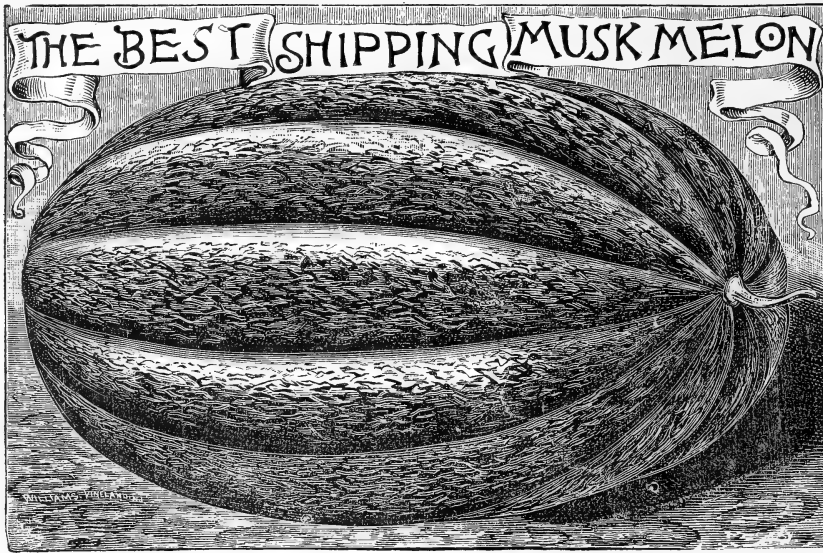
IMPROVED LONG GREEN CUCUMBER. (Jersey Pickle). A standard pickling variety; dark green, tender, crisp, productive, of fine flavor and uniform size. Our strain is unsurpassed. We supply each season hundreds of the most critical Jersey market gardeners and pickle growers, with the most satisfactory results. $\frac{1}{4}$ lb., 20c.; lb., 60c.

Improved Early White Spine Cucumber.



IMPROVED EARLY WHITE SPINE CUCUMBER.

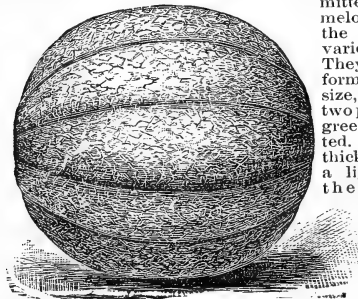
Our particular strain of this variety has long been the standard for market gardeners. The fruit is of good size, straight and well-formed, full at both ends; skin deep green; holds its color well until mature, and is very productive and early. Excepting our **New Evergreen White Spine**, it is without doubt the finest shipping sort. $\frac{1}{4}$ lb., 20c.; lb., 60c.; 2 lbs., \$1.10; 10 lbs., \$5.00.



ACME, —OR— BALTIMORE.

This melon is the most popular of all in Baltimore markets and throughout Maryland, where it is known as Baltimore Citron. It is also becoming prominent in Philadelphia and New York markets and New York markets as Acme Cantaloupe, and in its season is now much sought after by the best hotels and restaurants, owing to its handsome appearance and excellent quality. It is quite early, very large and showy, pointed at the ends, strongly netted, thick, rich green flesh. It is unquestionably the best and most profitable variety for shipping, its carrying qualities being unequalled by any other variety. Lb., 70c.; 2 lbs., \$1.20; 5 lbs., \$2.75.

GOLDEN GEM (Netted Gem, or Golden Jenny). This valuable new cantaloupe, first introduced by us, is admitted by prominent melon growers to be the very best early variety now grown.



GOLDEN GEM MELON.

They are extra early in ripening, the vines keeping green longer and producing better than any variety we have ever known. $\frac{1}{4}$ lb., 20c.; 1 lb., 60c.; 5 lbs., \$2.50.

They grow very uniform in shape and size, weighing about two pounds each, skin green and thickly netted. They are very thick meated, flesh of a light-green color, the inside surface, when cut open, being of a beautiful golden color. In quality and flavor they are superior, being uniformly rich, sugary and luscious.

New Early Hackensack.



NEW EARLY HACKENSACK MUSKMELON.

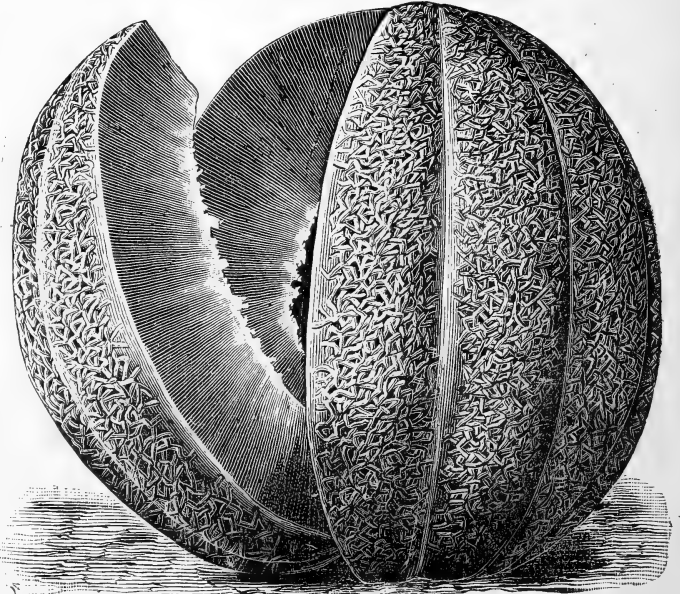
five to eight melons to the vine, all of which are very deeply netted. $\frac{1}{4}$ lb., 25c.; 1 lb., 90c.; 5 lbs., \$4.00.

This valuable new variety is ready for market fully ten days ahead of the well-known Hackensack, its progenitor, which it much resembles in shape and quality. The melons are of good size, weighing from five to ten pounds each. It is one of the most productive melons we ever saw, averaging from

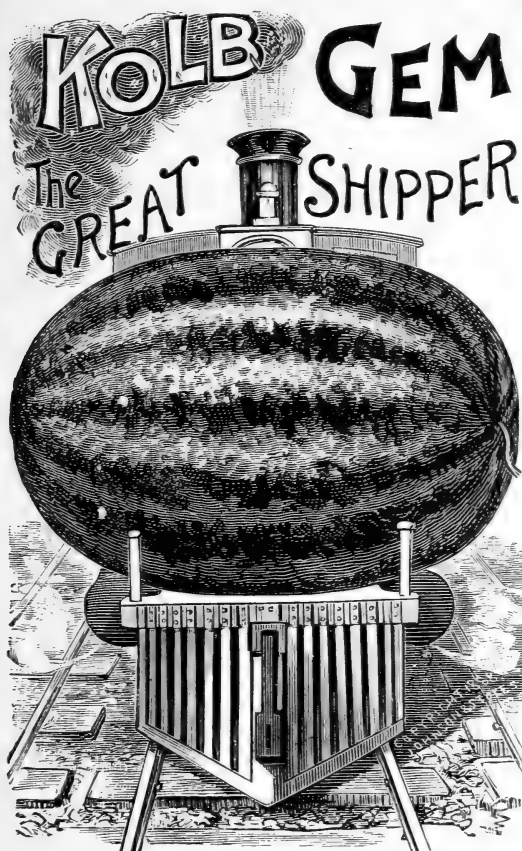
THE OSAGE MUSKMELON.

No variety of muskmelon has ever advanced in popularity and become at once so widely known as this variety. The past summer has been only the second season in the Chicago market, but it is now the favorite sort in nearly all of the leading hotels and restaurants, and is also well known by all commission men and largely by the general public, being offered on the hotel and restaurant bills of fare under its own name—"OSAGE."

THE OSAGE grows to medium size and is egg-shaped, as shown in our illustration. The skin is very thin, of dark green color, and slightly netted. The flesh is of a salmon color, remarkably sweet and spicy in flavor, extremely thick, and delicious to the mind. The seed cavity is very small. All lovers and shippers of fine melons should try **THE OSAGE**. Seed scarce. Oz., 40c.; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

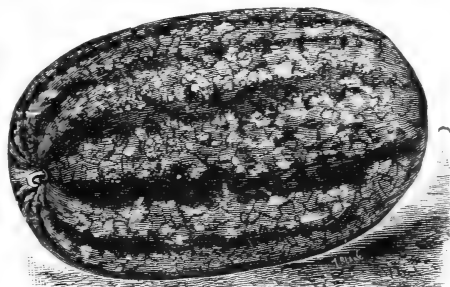


NEW OSAGE MUSKMELON.



KOLB GEM WATERMELON.

This variety, although quite new, is more largely grown by Southern shippers than any other. It originated with R. F. Kolb, one of the largest melon growers of Alabama, and is a hybrid of Sealy Bark and Rattlesnake. The rind, though quite thin, is very tough, standing handling and shipment long distances without breakage. The flesh is bright red and of excellent flavor. All who have grown it agree in pronouncing it one of the *largest, most productive, best keeping and shipping melons* ever introduced. Many of our customers assert that they obtain from twenty-five to forty per cent. more in price for Kolb Gems than for any other variety. $\frac{1}{4}$ lb., 20c.; 1b., 60c.; 5 lbs., \$2.50; 10 lbs. and over, 45c. per lb.



MAMMOTH IRON-CLAD WATERMELON.

MAMMOTH IRON-CLAD. This Melon grows to a very large *uniform size*, frequently weighing eighty pounds and over, and resembles in its markings the popular Cuban Queen. *In shape and seed*, however, it is *quite distinct*, being deeper and fuller at both ends, with seeds of drab-white color. They are enormous yielders, flesh very red, *solid* and of excellent flavor. The rind is extremely tough and hard—hence their name, **Iron-Clad**—rendering them valuable for shipping. Our supply is grown from the originator's seed and warranted genuine. $\frac{1}{4}$ lb., 20c.; 1b., 60c.; 5 lbs., \$2.50.

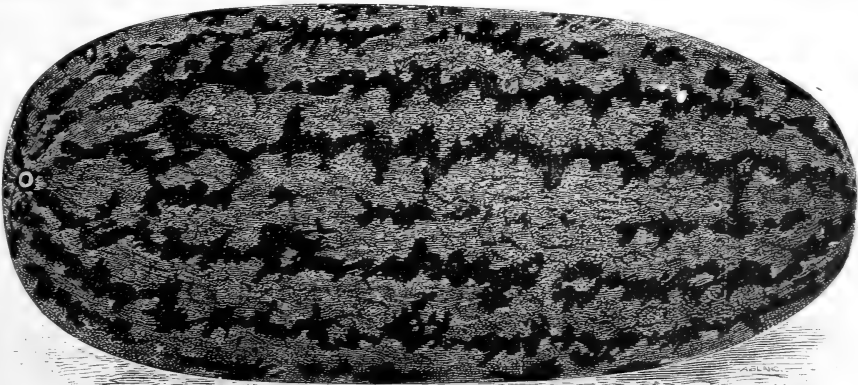
DARK ICING WATERMELON. This variety, one of the best of all melons, though not new to our New Jersey growers, who have raised it extensively for past years, will, no doubt, prove a new thing to many in other sections. It combines all the good qualities essential to perfection. They grow to medium size, averaging in weight from twenty-five to thirty pounds, although we have known them to reach fifty pounds. The skin is dark green and firm. The flesh is a deep rich scarlet, of *delicious flavor*; it is one of the best shipping and carrying melons grown. $\frac{1}{4}$ lb., 20c.; 1b., 60c.; 5 lbs., \$2.50.

MAMMOTH GRAY MONARCH WATERMELON. This new and distinct melon is, without doubt, the *largest of all*, frequently attaining a weight of ninety pounds and over. The skin is a mottled gray color, shape long, flesh bright crimson, and of sweet, delicious flavor. It is also a fine shipper, carrying well long distances. What few were marketed the last two seasons brought very high prices. Try it. $\frac{1}{4}$ lb., 25c.; 1b., 80c.; 5 lbs., \$3.50.

JERSEY BLUE WATERMELON. This variety has been grown with great profit by a few truckers in Northern New Jersey, where it originated a few years since. They grow to very large size, rather oval in shape, skin of deep blue color, slightly ribbed, with tough rind. Flesh deep scarlet and of fine quality. We recommend them highly as a shipping melon. They sell readily at high prices. Oz. 10c.; $\frac{1}{4}$ lb., 20c.; 1b., 65c.

Girardeau's Florida Favorite Watermelon.

This new variety originated with W. L. Girardeau, one of the most extensive melon growers of Florida, and is a hybrid of the Rattlesnake and Pierson, the latter being a celebrated home variety in Florida. It is pronounced by all who have grown it the *finest table melon* extant; oblong in shape, as shown in the illustration; growing to very large size; rind dark with light green stripes; flesh light crimson, very crisp and deliciously sweet; seed rather small and of a light creamy-white color. It ripened the past season ten days earlier than the Kolb Gem, Iron-Clad or Rattlesnake, all planted at the same time. We offer seed grown by the originator. $\frac{1}{4}$ lb., 30c.; 1b., \$1.00; 5 lbs., \$4.50.



It ripened the past season ten days earlier than the Kolb Gem, Iron-Clad or Rattlesnake, all planted at the same time. We offer seed grown by the originator. $\frac{1}{4}$ lb., 30c.; 1b., \$1.00; 5 lbs., \$4.50.

OUR PEDIGREE ONION SEED.

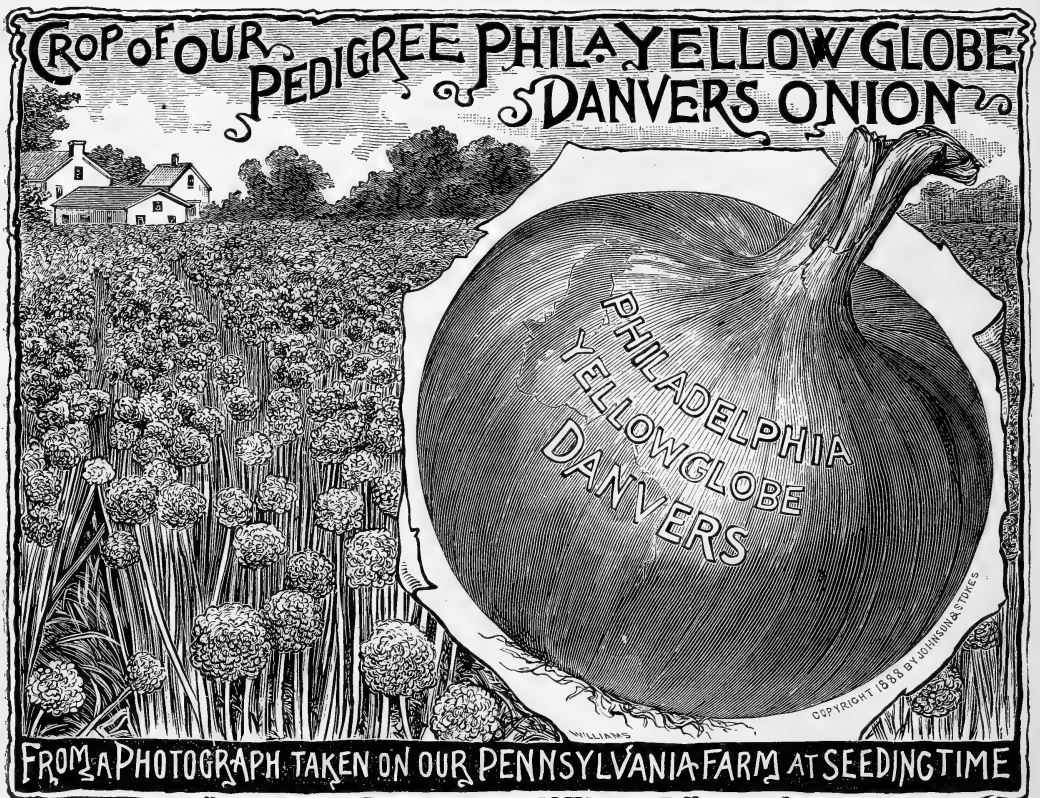
Perhaps no better evidence could be adduced to show the great popularity of our **Pedigree Onion** seed among planters of this very important crop, than to state that,

19,573 POUNDS

Of our Pedigree ONION SEED were sold to Market Gardeners all over the United States and Foreign Countries in 1888.

No one can appreciate the value of **reliable seeds** better than those who have been **once disappointed**, and too much care cannot be exercised in selecting your supply. There is no vegetable where the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from **choice bulbs, selected carefully by hand, and is unsurpassed in this country.** During our whole business career as seedsmen, it has always been our aim to make **quality a first consideration**, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to **double our facilities** for growing every year for several years past.

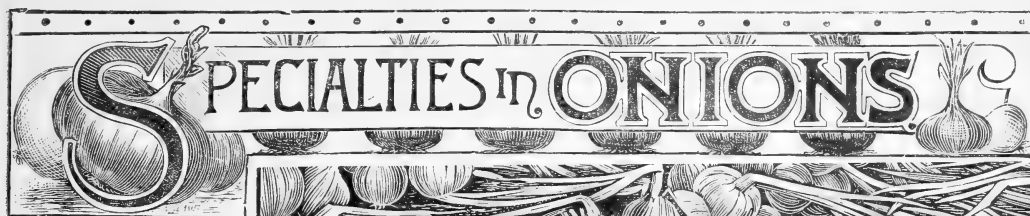
— **PHILADELPHIA-GROWN SEED**, or such raised in that portion of Pennsylvania, is unquestionably **earlier** than New England seed, and still more so as compared with Western seed. This is an important feature, as the early marketed onion always bring the highest prices. The growth conclusively proves the assertion, Philadelphia seed-making bulbs of better quality for keeping or immediate use either as sets or full-sized onions, long before seed from any other locality.



Philadelphia Yellow Globe Danvers Onion

PEDIGREE SEED.

This **improved** variety is pronounced by all market gardeners and onion growers everywhere who have tried it, the very best strain of Yellow Danvers in cultivation. We have hundreds of such testimonials on file in our office, and regret we have not room on succeeding pages to publish more of them. It is the **earliest** yellow variety, **largest** in size, **most perfect** in shape, the **largest cropper** and the **best keeper** of all American onions. In fact, it is everything that could be desired as a market or table onion. Prices of seed grown from selected, hand-picked bulbs: Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50; 10 lbs., \$14.00.



PEDIGREE

Philadelphia-Grown

Onion Seed

FOR

SETS.



Bed of Onion Sets from Philadelphia Grown Seed.

The vicinity of Philadelphia is justly regarded as the seat of the onion seed growing industry. Seed grown here will invariably produce better and finer sets than that grown in the Eastern or Western States. Sets produced from seed grown in the latter places never have that fine, round, plump, well-matured, bright look, nor keep so well as those produced from seed grown in the vicinity of Philadelphia, and it is for this reason that Philadelphia-grown seed is so highly prized by all onion set growers throughout the United States. The four varieties mentioned below are the sorts that usually find the most ready sale as onion sets.

The seed we offer is all of 1888 crop and is unusually plump and heavy, and we have, as is our invariable custom with all our seed, given the seed the most thorough sprouting tests, and find the germinating percentage to average exceedingly high this season.

To grow small onions for sets, from fifty to sixty pounds to the acre are required.

Philadelphia Round Yellow Danvers,	per lb., \$1.50; 10 lbs., \$14.00
" Yellow Strasburg, or Dutch,	" 1.50; 10 " 14.00
" White, or Silver Skin,	" 2.25; 10 " 20.00

ONION SETS.

We grow each season large quantities of white, yellow and red onion sets from our Philadelphia onion seed which, being earlier, make sets of better quality for keeping or immediate use than that grown in any other section. Philadelphia-grown onion sets are everywhere recognized as the best and are annually supplied to dealers and gardeners in every market of the United States. As the price varies with the market, we shall be glad to quote prices by the bushel or barrel of three bushels when requested to do so.

Yellow Onion Sets, . . qt., 20c.; peck, \$1.00; bush., \$3.50
White " . . " 25c.; " 1.25; " 4.50
Red " . . sold out.

PRICES VARIABLE.

Philadelphia Extra Early Pearl Onion Sets.

These should be planted in September or October, and customers wishing to secure sets for delivery then should forward us their orders before May 1st. For a more complete description of this remarkable onion, see page 32 of this Catalogue. Price for fall delivery: Qt., 30c.; peck, \$2.00; bush., \$7.00.



THE CHEAPEST WAY TO GROW ONIONS IS FROM SEED.

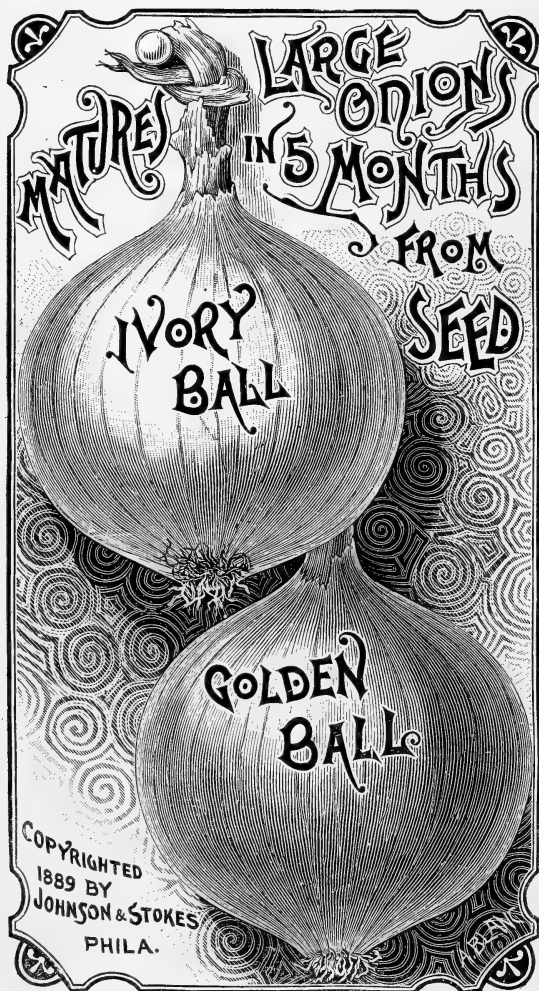
It is Very
IMPORTANT
THAT YOU
Should Read
THE LINES
OPPOSITE.

THERE IS NO CROP, perhaps, more sure than that of Onions. Rich soil, with a good application of manure every year, and proper attention, will almost invariably insure a good crop. Five hundred bushels per acre is a medium crop, while from 800 to 1,200 bushels are not unusual, under the best cultivation. There are three varieties of Onions commonly raised, namely, Red, White and Yellow. The yellow ones take the lead, as they are more hardy, grow larger and bear handling better than either of the other sorts. White Onions, though, as a rule, in good condition, sometimes sell for fifty per cent. in advance of either red or yellow. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time without any deterioration in quality or quantity. **Large Onions can be as readily grown the first season from the seed of ANY OF THE FOLLOWING varieties** in any section of the United States, either North, East, South or West, and at no greater cost than Carrots, Parsnips, Beets, Rutabagas or the sets themselves, while the net return per acre will be from two to five times as great. Neither of them can be too highly recommended for market purposes, as their size, beauty and quality will prove very striking. All of these highly valuable sorts are now grown with perfect success all over the country, and very especially so in the vicinity of Philadelphia, and we do not think that any one could put in a more **successful or profitable crop.**

PHILADELPHIA-GROWN SEED, or such raised in this portion of Pennsylvania, is unquestionably **earlier** than New England seed, and still more so as compared with Western seed. This is an important feature, as the early marketed Onions always bring the highest prices. The growth conclusively proves the assertion, Philadelphia seed making bulbs of better quality for keeping or immediate use, either as sets or full-sized onions, long before seed from any other locality.



The **IVORY BALL** and **GOLDEN BALL** are **Wonderful Onions**, and seed of them can only be procured from us.



IVORY BALL GOLDEN BALL ONION.

These highly valuable new onions originated with Mr. John R. Williamson, heretofore the largest and most successful onion grower of Ohio, about seven years ago, and who has just retired from the business a very wealthy man, his entire fortune having been made by growing these varieties for Eastern markets. Being an old and esteemed friend of ours, he sold his entire crop of 1887 onions to us, from which we grew our seed, and we now have the pleasure of offering it to our customers for the first time.

The accompanying engraving, which is a photograph from nature, shows the shape and average size under ordinary cultivation. Seed of these varieties are **sure to bottom well**; in fact, 100 plants, if cultivated properly, will produce 100 fine, perfect, full-proportioned onions, of much better quality and appearance than either the Globe Danvers or Southport Globe varieties. **These extra qualities always insure extra prices.**

GOLDEN BALL ONION.

The color of the skin is between a golden and a rich brown, flesh of exquisite whiteness, mild, well-flavored and of unapproachable quality, and occupying the very first rank as a keeping variety. Oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.75; 2 lbs., \$7.50; 5 lbs., \$17.50.

IVORY BALL ONION.

In size, shape and keeping qualities this variety is an exact counterpart of our **Golden Ball**. The skin and flesh, however, are of a pearly whiteness, and is just as easy to grow. We recommend it to market gardeners in preference to our **Golden Ball**, for the reason that white-skinned usually command a higher price than yellow. Oz., 40c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$4.00; 2 lbs., \$7.75; 5 lbs., \$18.75.

THE SPANISH KING, OR PRIZE TAKER ONION.

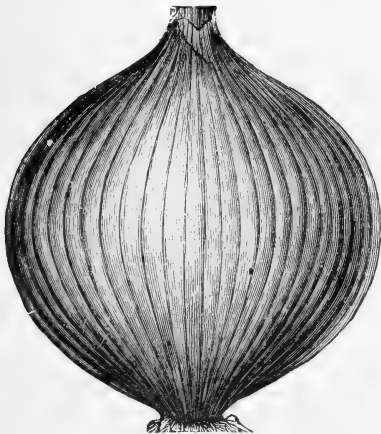
THE ONION FOR PROFIT. Has yielded 1127 bushels per acre, from seed, netting the grower, at \$1.20 per bushel, \$1352 40.



This new and handsome variety is a splendid type of the celebrated Spanish fancy onions, which are annually imported into the United States from Spain. The onions grown here quite rival the imported ones, in great beauty and enormous size, weighing in many cases from three to four pounds each, one magnificent specimen sent

in this season reached the enormous size and weight of five pounds and two ounces. We have received hundreds of testimonial letters from the growers, who all agree in pronouncing the **Spanish King** the largest, handsomest and most wonderful and profitable yellow variety they have ever grown. The outside skin is of a rich yellow color, while the flesh is white, and so sweet, mild and tender that they can be eaten raw like an apple. They bottom well, are free from stiff necks, and have produced more bushels of marketable onions to the acre than any other variety

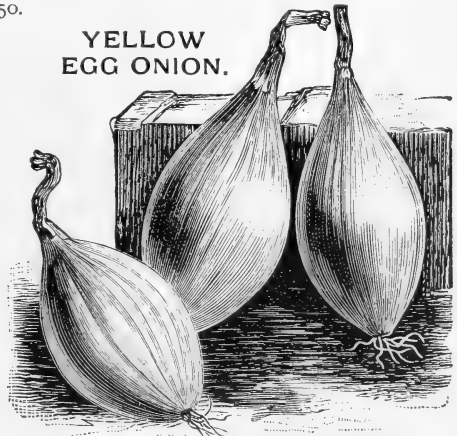
known in America. The seed we offer this season is grown for us by a reliable Spanish grower, near Barcelona, Spain. Oz., 35c; lb., \$3.50; 2 lbs., \$6.50.



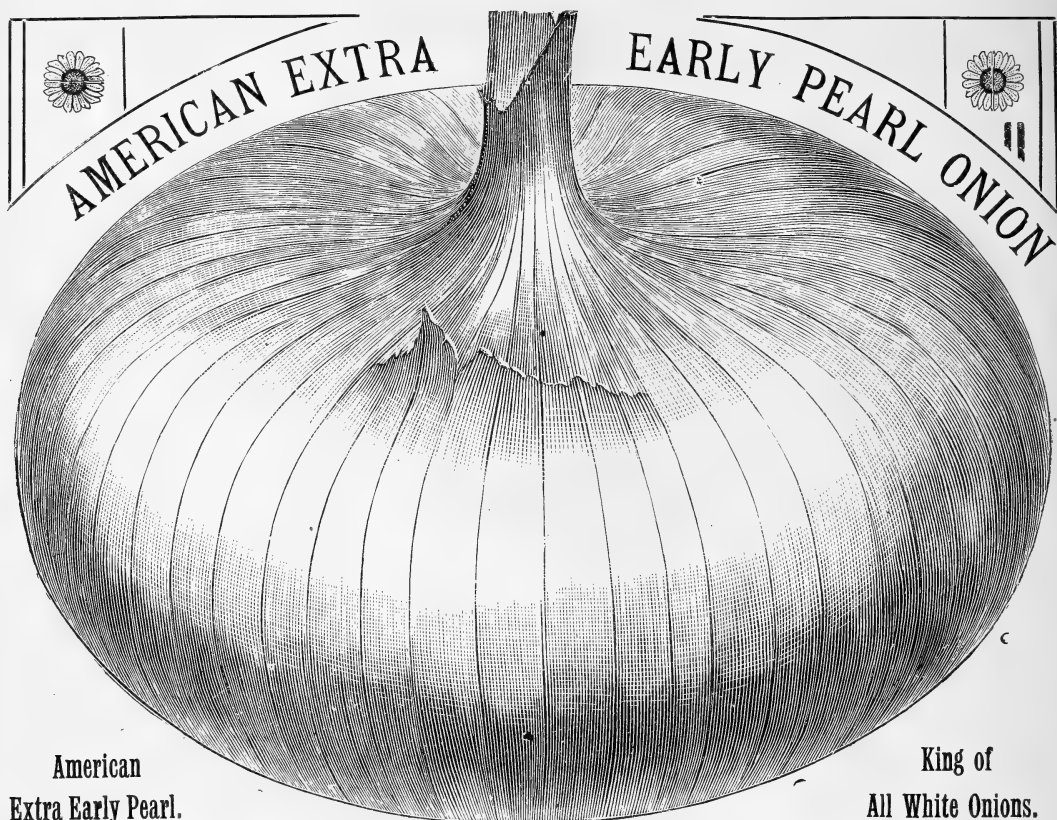
EXTRA EARLY RED GLOBE ONION.

As shown in our illustration, which is drawn from nature, the reader will see that this is a very handsome onion. It is a splendid new variety, maturing as early as our **Extra Early Flat Red**, of a beautiful globe shape, skin-deep red, flesh mild, fine grained, tender, an agreeable flavor, an excellent keeper, and very desirable for early market. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25; 2 lbs., \$4.25.

YELLOW EGG ONION.



NEW YELLOW EGG. A few gardeners, who have grown and controlled this handsome onion for several years past, have made a profitable thing out of it. Its shape is well depicted in our illustration. The flesh is pure white and of very delicate, fine flavor. The outside skin is a deep golden yellow. They are so very handsome and attractive that they sell at sight in market, and where known are preferred over all other varieties. We especially recommend this sort to market gardeners who sell their own produce direct to the consumers, for experience proves that buyers prefer this sort to all others after they once become acquainted with it, owing to its unusual fine quality. Oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$4.00.



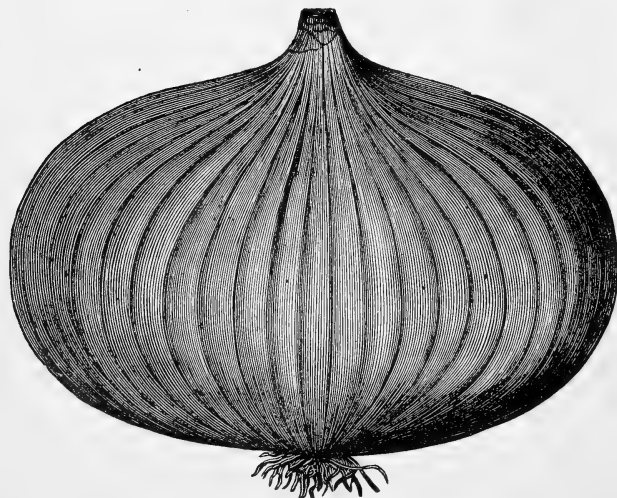
American
Extra Early Pearl.

King of
All White Onions.

This remarkable new onion is the **earliest** and best of all the white flat varieties, far **surpassing** Silver King, White Tripoli and other sorts in great size, thickness, rapid growth, bottoming and keeping qualities. It grows to enormous size and shape, as shown in our illustration above; of **pearly white** color, the outer skin having a most showy, **waxy appearance**, flesh of a **pure snow white**, and flavor **so mild** that it can be eaten like an apple. It grows with **wonderful rapidity**, reaching the first season, from seed, the enormous size of six to seven inches diameter, frequently weighing three to four pounds each. A **splendid keeper**, succeeding everywhere, and requiring only thin soil. Our seed of this wonderful variety is **Philadelphia grown**, and should not be confounded with a cheap, imported variety offered by some dealers as Silver White Etna, or Early Pearl, which is an entirely different onion, although somewhat resembling the **American Extra Early Pearl** in shape, being flatter, not as thick through, and it is **vastly inferior in size and keeping qualities** to the **Genuine American Extra Early Pearl** as grown and sold by us. Oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

For prices of American Extra Early Pearl Onion Sets see bottom of page 27.

Extra Large Red Wethersfield Onion.



EXTRA LARGE RED WETHERSFIELD ONION.

Onion growers who prefer the red varieties will find this a magnificent strain, far **surpassing** the ordinary Red Wethersfield in **size, productiveness and keeping qualities**. It is of the finest form, skin deep purplish red, flesh purplish white, much finer grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Oz., 15c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75; 10 lbs. and over, \$1.60 per lb.

AMERICAN EXTRA EARLY PEARL.

S. T. JONES, Cleveland, O., writes: "Your American Extra Early Pearl Onion is a wonder. I have several specimens over four pounds in weight, measuring fifteen to twenty inches around. They are much earlier and surpass both Silver King and Pompeii in size and beauty; don't think their equal can be found."

EXTRA LARGE WETHERSFIELD

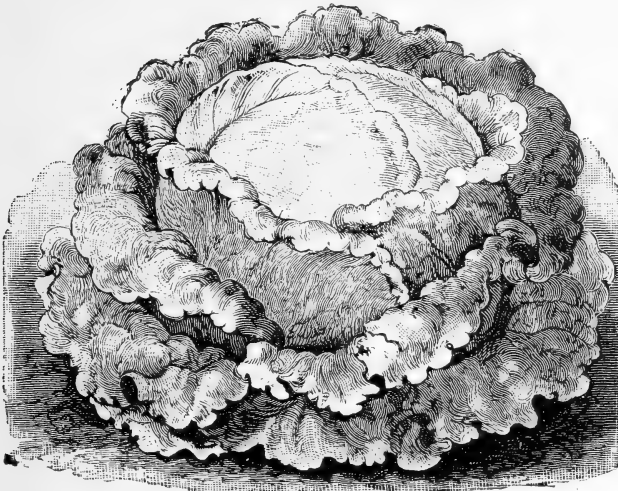
G. W. DOANE, Fall City, Wis., writes: "I was highly pleased with all the seeds purchased of you, but the Large Red Wethersfield Onions have no equal. They grow the largest I ever saw, and, without doubt, the best flavor."

New White Russian Summer Lettuce.

The Most Valuable of

all Lettuces for the

Market Gardener.



NEW WHITE RUSSIAN SUMMER LETTUCE.

Improved Yellow-Seeded Butter Lettuce.

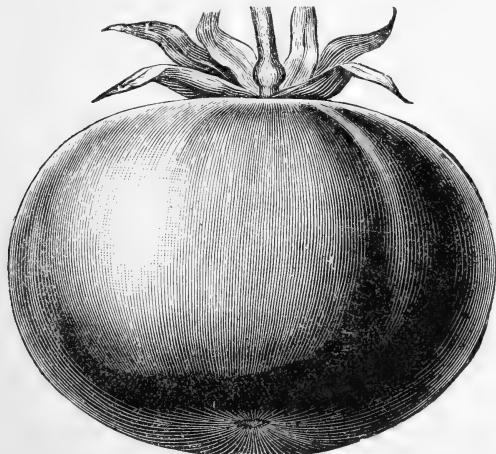
This valuable sort is, without doubt, one of the best for late spring or summer planting, producing fine large heads, very crisp and tender. It is of quicker growth and will stand the hot summer sun better than the Salamander. Ours is a decided improvement on the strain usually sold. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



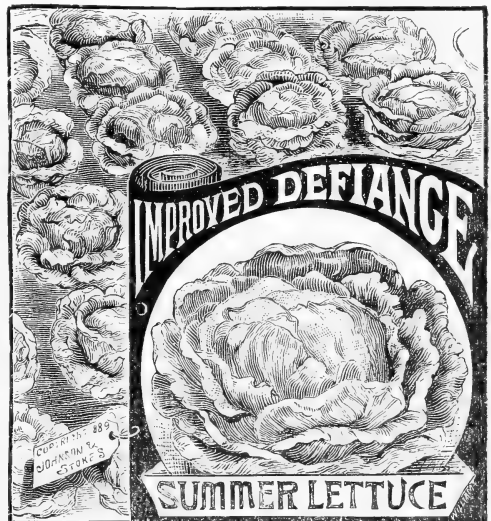
SALAMANDER LETTUCE.

SALAMANDER LETTUCE.

A standard and well-known variety for sowing during spring and summer, as it withstands the hottest summer heat without running to seed, and at the same time producing large, tender heads of delicious quality. Our stock is fully up to the standard, and will give the best of satisfaction. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



LIVINGSTON'S POTATO LEAF TOMATO.



Improved Defiance Summer Lettuce.

Among the few lettuces of merit recently introduced, we place this sort among the front rank of summer varieties for the market gardener. It produces a splendid large, solid head, of the cabbage type, remaining a long time in prime condition without going to seed. It is of a light green color, fine quality, crisp, tender, and nearly every plant will make a fine, solid head in the hottest weather, when many other varieties will refuse even to grow. Oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

Livingston's New Potato Leaf Tomato.

Another fine new market tomato, remarkable for its great firmness, solidity and productiveness, and in this respect it is unequalled by any other variety. It is named **Potato Leaf**, in consequence of its having such a very peculiar leaf, being whole, not cut or serrated like the leaves of ordinary kinds. In this respect it resembles the **Mikado** or **Turner Hybrid**, but the fruit is smoother, equalling the old standards, **Acme** and **Paragon**, in this respect. It is a second early, and is ever-bearing until killed by frost, and it takes a pretty sharp frost or two before the fruit is injured, being protected by the heavy leaves. It has a strong vine and resists the wind remarkably well; it is an excellent variety for growing on trellis or tying up to stakes. Market gardeners, give it a trial; it will stand the knocks of a market wagon first rate, and give you better satisfaction than any of the older sorts. It has the **Acme** color and is very prolific. Oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Improved Mammoth Sandwich Island Salsify.

[OYSTER PLANT.]

This is an improved type of the old sort, the root being much thicker and heavier throughout. Oz., 20c.; lb., \$2.00; 2 lbs., \$3.75.

NEW UNION WHITE VALENTINE BEAN.

Perhaps no greater improvement in dwarf beans has ever been accomplished than in this variety. As its name implies, it is a complete union of all good qualities necessary to make a dwarf green-pod bean perfect. It is much earlier and of a dwarfer habit than the old White Valentine, the pods being rounder, smoother, plumper and more meaty and entirely stringless. Among many others, it possesses the peculiar and valuable quality

NEW UNION WHITE VALENTINE BEAN



of remaining in a tender cooking condition longer than any other green-podded variety; this, together with its extreme earliness—being fit to pick in thirty days from time of germination—makes it an exceedingly valuable sort for the market gardener. It also possesses another important advantage that should not be lost sight of, viz: The beans when ripe are pure white, thus enabling a market gardener to sell them as shelled beans at a profitable figure in case he cannot sell them in the green state. We do not hesitate to recommend this new sort as unequalled in our entire list of beans. Qt., 30c.; ½ peck, \$1.00; peck, \$1.75; bush., \$6.00.

Shoe Peg Sugar Corn.

This very excellent variety was introduced in 1870, and for many years was recognized as the sweetest and choicest sort grown; we unfortunately lost the true stock and have been unable to offer it for some years. We now have a stock actually better than that first sent out, and recommend it as being a variety that will sell for higher prices wherever known than any other sort. The stalks are of medium height, without suckers, joints short, and sometimes yield as many as five ears, well filled out. The kernel is small, very long, white and exceedingly tender, sweet and of a rich, juicy flavor that is not equalled by any other sort. In maturing it is medium late. We only have it to offer on the ear. Each, 10c.; 3 ears, 25c.; 13 ears, \$1.00.

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White Adriatic Barletta Onion.

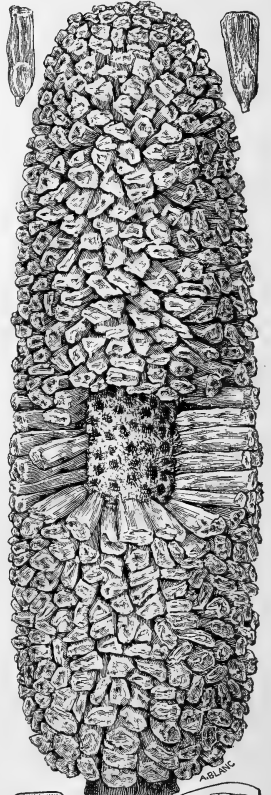
This will be found a very valuable onion for pickling purposes or for selling loose by small measure. It is very early, maturing about three weeks earlier than our New Queen or Extra Early Red. The onions when full-grown rarely exceed one inch in diameter; the flesh is firm, of the mildest flavor, and is of a delicate silvery hue. The seed should be sown as early as possible, and about as thickly as ordinary Silver Skin or Yellow Strasbourg is sown for sets. Planted this way, it is enormously productive, and the onions will bring 100 per cent. more than any other sort known to us. Oz., 35c.; ¼ lb., \$1.00; lb., \$3.75; 2 lbs., \$7.00.

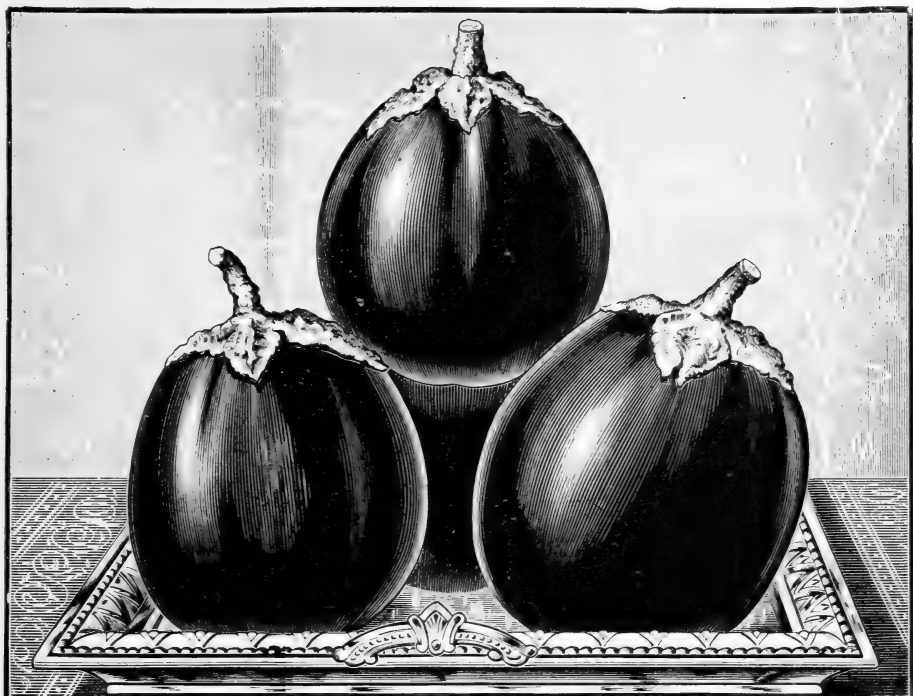
WHITE ADRIATIC BARLETTA



The above are NATURAL SIZE Specimens.

The earliest and smallest onion grown.





NEW JERSEY IMPROVED LARGE PURPLE.—THE FINEST OF ALL EGG-PLANTS.

NEW JERSEY IMPROVED LARGE PURPLE SMOOTH STEM EGG-PLANT.

The State of New Jersey supplies the North with the handsomest, largest and finest egg-plants grown in the United States, and it is from this State that one would naturally expect to secure the best seeds. This superior strain was brought to perfection by one of the most successful egg-plant growers in the State. It is a **decided improvement** on the New York Large Purple in quality, size and great beauty. The plants are large and vigorous, leaves of a light green shade, fruit early, very large, oval and of a fine deep purple—never red nor yellow; flesh white, tender and of superior quality. Market gardeners and shippers will find this variety the **very best in cultivation**. Our seed is grown by the originator. Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.50; lb., \$6.00.

LEE'S SAVOY CABBAGE.

Market Gardeners' Private Stock.

This is unquestionably the best strain of Savoy Cabbage to be had anywhere to-day. The heads are large, of a very deep green color, very curly and sure to head, keeps well and retains its color until very late in the season. Every plant will produce a very hard head, and each head so perfect that they will nearly all be alike. It is the best selling market variety we know of, owing to its unexceptionally fine quality and handsome appearance. Every one who markets Savoy Cabbage should plant no other sort. $\frac{1}{2}$ oz., 25c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; 2 lbs., \$8.00.

American Perfection Drumhead Savoy Cabbage.

While we do not recommend this as highly as our celebrated **Lee's Savoy**, still it is a very choice and carefully selected strain of American stock, and will be found superior to that offered by any other seedsmen under this name. We have sold this strain for years with the most satisfactory results, and it will give good satisfaction to any one who may plant it. Oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 2 lbs., \$4.00.



LEE'S SAVOY CABBAGE. FROM A PHOTOGRAPH.



NEW GIANT ITALIAN LEEK.

New Giant Italian Leek.

We guarantee this to be the largest and finest leek in cultivation. It is fully twice the size of the ordinary London leek, and much handsomer in appearance. Like the Italian onions it is very mild and agreeable in flavor, extremely hardy, and a fine keeper. All those who grew it last year were astonished at its large size and fine white appearance. We know of no leek as well adapted to market gardeners' purposes as this valuable new sort. $\frac{1}{4}$ lb., 50c.; lb., \$2.00.



New Smooth Kohl Rabi.

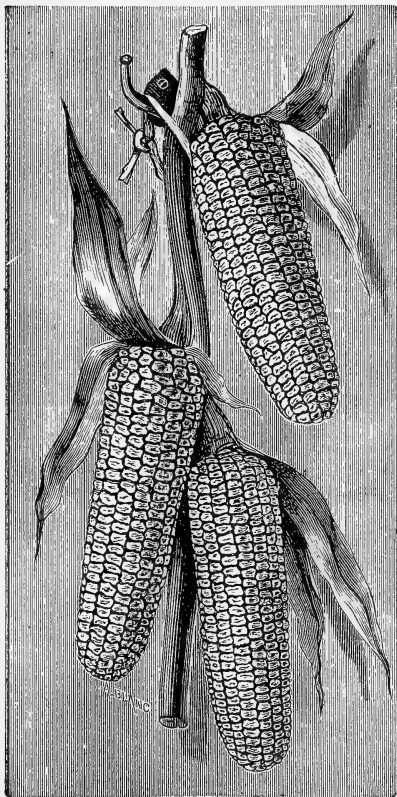
Our illustration gives, which is exceedingly accurate, such an excellent idea of this new variety that a description seems superfluous. It is only necessary to say, that it is the earliest, smoothest and shortest leaved, and best variety in cultivation for the market gardener.

New Smooth White, oz., 30c.; lb., \$3.00; New Smooth Purple, oz., 30c.; lb., \$3.00.

Early Bonanza Sweet Corn.

An extra early variety, with ears as large as the Evergreen.

This valuable new variety originated with an enterprising market gardener of this city, who has for a few years past astonished his brother gardeners by having in market **several weeks ahead** of any of them **large, fine ears** of sweet corn in great abundance, and for which he obtained almost fabulous prices, it having become quite celebrated for its great sweetness and fine quality, and was much sought after, even after other good varieties were coming in. He had always kept the seed in his own hands until, after great persuasion and at high cost, we obtained of him seed enough to plant a few acres. Our illustration was made from three perfect ears taken from a single stalk, and will give some idea of its wonderful productiveness. It is pronounced by all who have tested its table qualities to be unequalled in rich, sugary flavor. Qt., 25c.; peck, \$1.25; bush., \$4.50.



EARLY BONANZA SWEET CORN.



ENKHUIZEN LONG STANDING.

This is the only genuine long standing spinach imported into this country, and was introduced by us seven years ago. It is undoubtedly the spinach for spring sowing, as it will stand fully fifteen days longer than any other before running to seed. We have often seen it stand so long that the leaves actually turned yellow before shooting to seed. The leaves are round, large, unusually thick, deeply curled, and of a fine dark-green color. Our stock is grown in Holland especially for us. It is considered by many also the best for fall sowing on account of its ability to stand the winter better than any other sort. This variety is superior to the ordinary Long Standing offered in many catalogues. **Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.00; bush., \$6.00.**

AMERICAN-ROUND SEEDED SAVOY, OR BLOOMSDALE SPINACH

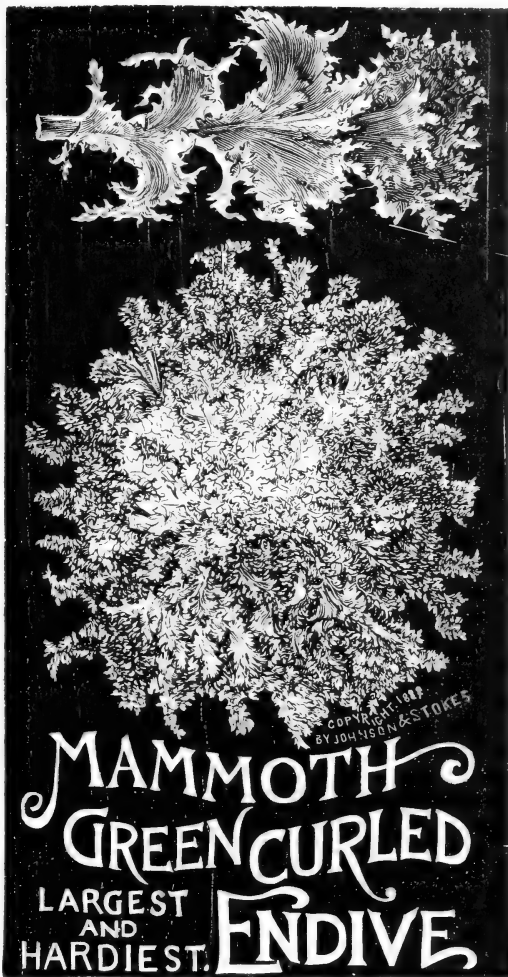
Our stock of this well known sort is Pennsylvania grown of 1888 crop, and inferior to none; we guarantee it to possess every important quality that makes this valuable sort so popular. It is a standard sort for early spring sowing, as well as the most productive. This is the very best sort for early spring cutting, before the weather becomes warm. For late use, we recommend market gardeners to plant our Enkhuiizen Long Standing, owing to its slowness to "shoot" to seed during warm weather. **Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$2.00; bush., \$6.00.**

NEW MAMMOTH GREEN CURLED ENDIVE.

This very beautiful and valuable new sort was brought from Sweden and introduced and named by us two years ago for the first time. It is the wonder of all who have grown or saw it since then. A single plant, when full grown, will cover a space of twenty inches in diameter, the growth being very rapid and strong. The leaves are very crisp, numerous, broad, deeply serrated, beautifully curled in every stage of growth, and of a bright, lively green color, with a very small midrib, which is pure white, fleshy and tender. It is much harder than any other sort, and will remain on the ground uninjured in this latitude, during the entire winter, if given a light covering of hay or straw the same as spinach. It is more tender, profitable and salable than any other existing sort. We control the entire stock and it cannot be had from any other seedsman in America.

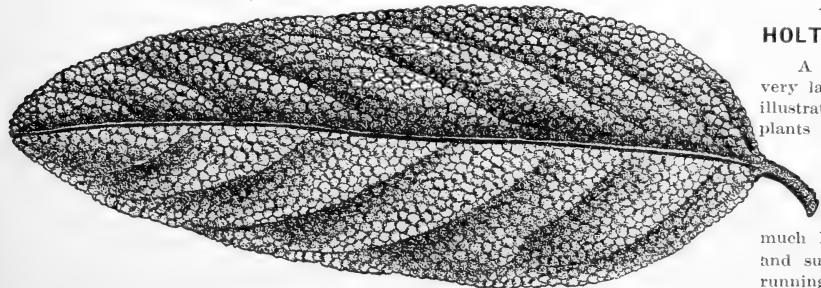
The growers mentioned below are a few of the many who had it last season and all say that it is the finest that grows: George W. Barret, 17th and Lehigh Avenue, J. D. Gaulbert, Maiden Lane, Charles Dingas, Front and Westmoreland Streets, J. B. Hoffner, 50th and Market Streets, Fred. Riebel, Maiden Lane, Isaac Buzby, Front and Erie Avenue, Jacob Hoffner, 49th and Walnut Streets, John G. Ellenger, 50th and Walnut Streets, Charles Smith, Frankford.

Oz., 25c.; ¼ lb., 75c.; lb., \$2.75.



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BY JOHNSON & STOKES

MAMMOTH GREEN CURLED LARGEST AND HARDEST. ENDIVE



LEAF OF HOLT'S MAMMOTH SAGE.

A GOOD THING.

HOLT'S MAMMOTH SAGE.

A valuable new variety of very large, strong growth (see illustration of leaf opposite), single plants cover a circular space of three feet in one season. Perfectly hardy and a decided improvement on the ordinary sage, being much larger, stronger in flavor and superior in quality, never running to seed. 8 plants for 50c., 18 for \$1.00.



GENERAL LIST

OF

Leading Varieties



Below will be found a condensed list of leading sorts taken from our GARDEN AND FARM MANUAL, to which we refer you for a complete description. The most prominent sorts we have had printed in heavy-faced type. The wholesale prices here quoted are based on customers paying delivery charges, when sent either by express or freight; but as our prices are very low, it will be found, even after paying delivery charges, customers will have received their supplies at exceedingly favorable rates. Whenever desired, we will send by mail, but when this is to be done **postage must always be added** at the rate of 8 cents per pound or 15 cents per quart for Beans and Peas, and 10 cents per quart for Sweet Corn. Seeds in packets and ounces, however, will be sent postage paid. Half pounds will be supplied at pound rates; half pecks at peck rates; half bushels at bushel rates. On varieties not herein quoted, we will allow a discount from retail prices as given in our GARDEN AND FARM MANUAL, of 30 per cent. on packets, 20 per cent. on ounces and 10 per cent. on seeds in bulk, by the pound or bushel.

BEANS—DWARF OR SNAP—SHORT VARIETIES.

	Quart.	Peck.	Bush.
Improved Extra Early Red Valentine ,	\$0 25	\$1 00	\$4 00
Early Red Valentine,	20	1 00	3 40
Best of All ,	35	1 50	5 00
Early Mohawk,	20	1 00	3 40
Long Yellow Six Weeks,	20	1 00	3 40
Dwarf Golden Wax ,	25	1 25	4 50
Wardwell's Kidney Wax (New) ,	35	1 75	6 00
New Union White Valentine ,	30	1 75	6 00
New Black-Eye Wax ,	30	1 65	6 00
White Wax,	25	1 40	5 25
German Black Wax, or Butter ,	25	1 25	4 75
Henderson's New Bush Lima , per pkt., 25c; 5 pkts., \$1.00; 12 pkts., \$2.00.			
Royal Dwarf, or White Kidney,	20	1 00	3 75
White Marrow,	20	1 00	3 75
Prolific Tree,	20	1 10	4 00

POLE, OR RUNNING BEANS.

King of the Garden Lima ,	40	2 50	9 00
Large White Lima ,	35	2 25	8 00
Salem Mammoth Lima ,	40	2 50	9 00
Early Green Cluster ,	40	2 50	
Early Golden Cluster Wax ,	50	3 00	
New Golden Wax Flageolet , one of the finest,	40	2 50	9 00
Dreer's Improved Lima ,	30	2 25	8 50
Jersey Extra Early Lima (New) ,	50	3 00	11 00
Dutch Case Knife ,	30	1 50	5 00

PEAS.—EXTRA EARLY VARIETIES.

Johnson & Stokes' Extra Early ,	25	1 00	4 00
Extra Early Hancock ,	20	1 00	4 00
Eureka Extra Early ,	20	1 00	3 50
Cleveland's Alaska (True Stock) ,	25	1 25	5 00
First and Best ,	15	90	3 25

PEAS—Continued.

	Quart.	Peck.	Bush.
Horsford's Market Garden ,	\$0 25	\$1 50	\$5 50
Blue Beauty ,	35	2 25	8 00
Philadelphia Extra Early ,	15	90	3 25
McLean's Little Gem ,	25	1 25	5 00
Extra Early Premium Gem ,	25	1 25	5 00
Bliss' American Wonder (True Stock) ,	30	1 60	6 00

PEAS. — SECOND EARLY AND LATE.

Bliss' Abundance ,	30	1 75	6 50
Improved Daniel O'Rourke ,	20	1 00	3 50
McLean's Blue Peter ,	25	1 50	5 50
McLean's Advancer ,	25	1 50	5 00
Carter's Stratagem ,	35	2 25	8 00
Carter's Telephone ,	35	2 25	8 00
Pride of the Market ,	30	1 75	6 50
Bliss' Everbearing ,	25	1 50	5 50
Champion of England ,	25	1 25	4 50
Yorkshire Hero ,	25	1 50	5 00
Dwarf Blue Imperial ,	20	1 00	4 00
Mammoth Podded Marrow (New) ,	35	2 25	8 00
Royal Dwarf White Marrowfat ,	15	60	2 25
Large White Marrowfat ,	15	60	2 00
Black Eye Marrowfat ,	15	50	1 75

CORN.—SWEET OR SUGAR.

Burlington Hybrid Sweet Corn (New) ,	40	2 50	
Honey Sweet ,	40	2 50	
New Cory ,	20	1 00	3 50
Early Red Husk (Fine) ,	20	1 25	4 00
Crosby's Extra Early ,	15	90	3 25
Early Bonanza (New) ,	25	1 25	4 50
Stabler's Extra Early ,	20	1 00	3 50
Perry's Hybrid Extra Early ,	20	1 00	3 50
Shakers' Early ,	20	1 00	3 75
Early Minnesota ,	15	90	3 25
Early Red Cob (New) ,	20	1 00	3 50
Early Mammoth ,	20	1 00	3 50
Early Triumph ,	20	1 00	3 50

CORN, SWEET—Continued.

	Quart.	Peck.	Bush.
Early Large Eight-Rowed,	\$0 15	\$0 90	\$3 25
Adams' Extra Early,	15	90	3 25
Roslyn Hybrid (New),	20	1 00	3 50
Stowell's Evergreen,	15	75	2 50
Potter's Excelsior, or Squantum, . .	15	1 00	3 50
Late Mammoth,	15	90	3 00
Egyptian,	15	1 00	3 40

ARTICHOKE.

	1 oz.	1 lb.	2 lbs.
Large Green Globe Seed,	\$0 20	\$2 25	

ASPARAGUS

Barr's Philadelphia Mammoth. (See our "Garden and Farm Manual," page 20.) 5 lbs., \$5.00,	15	1 25	\$2 25
Barr's Philadelphia Mammoth, 1 year old roots, per 1,000, \$5.00; 2 year old roots, per 1,000, \$6.00.	15	1 75	3 25
Palmetto, 5 lbs., \$8.00,	15	1 75	3 25
Palmetto, 2 year old roots, per 1,000, \$6.50			
Conover's Colossal, 5 lbs., \$1.75, . . .	5	40	75
Conover's Colossal, 1 year old roots, per 1,000, \$4.50; 2 year old roots, per 1,000, \$5.00.			

BEETS.

Mitchell's Perfected Earliest Dark Red Turnip (New, the best early), 5 lbs., \$5.00,	10	1 25	2 25
New Early Eclipse (True), 10 lbs., \$5.00	5	60	1 10
Early Egyptian Blood Turnip, 10 lbs., \$4.00,	5	50	90
Lentz's Early Blood Turnip,	5	60	1 10
Early Bassano,	5	50	90
Early Blood Turnip Improved,	5	50	90
Bastian's Extra Early Turnip, per peck, \$1.50,	5	50	90
Aeme Dark Red Turnip (New, the best sort for second early), 5 lbs., \$3.00,	10	75	1 25
Dewing's Extra Early Blood Turnip, per peck, \$1.50,	5	50	90
Gem Half Long. Very fine. Root very smooth, deep blood red and attractive. Top is small and of a very dark color. A valuable new sort, . .	10	1 00	1 75
Philadelphia Perfection Half Long, per peck, \$1.50,	5	50	90
Long Blood Red,	5	45	80
Swiss Chard,	5	60	1 10

MANGEL WURZEL AND SUGAR BEETS.

Chirk Castle Mammoth (New), see our "Garden and Farm Manual," page 26. 5 lbs., \$5.00,	15	1 25	2 25
Carter's Mammoth Prize Long Red, 5 lbs., \$1.50,	5	35	65
Lane's Improved Imperial Sugar, 5 lbs., \$2.00,	5	50	90
Vilmorin's Improved White Sugar, 5 lbs., \$2.00,	5	50	90
New Golden Yellow Mammoth, 5 lbs., \$2.50,	5	60	1 10
New Kinver Yellow Globe, 5 lbs., \$1.75,	5	40	75
Long Red, 5 lbs., \$1.25,		30	55
Golden Tankard, 5 lbs., \$1.50,	5	35	65
Yellow Ovoid, 5 lbs., \$1.75,	5	40	75
Golden Globe, 5 lbs., \$1.50,	5	35	65
Silesian, or White Sugar, 5 lbs., \$1.25,	5	30	55
Carter's Champion Warden Orange Globe, 5 lbs., \$2.00,	5	50	90

BRUSSELS SPROUTS.

Perfection,	15	1 50	
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COLLARDS.

	1 oz.	1 lb.	2 lbs.
True Georgia, or Southern,	\$0 15	\$1 10	\$2 00

CABBAGE.

Johnson & Stokes' Wonderful (Novelty), see our "Garden and Farm Manual," page 4,	50	5 00	
Johnson & Stokes' Earliest,	30	3 50	6 50
Selected Early Jersey Wakefield, . .	25	2 75	5 40
New Large Early Jersey Wakefield, .	30	3 00	5 75
Johnson & Stokes' Market Gardeners' No. 2 Novelty, see our "Garden and Farm Manual," pages 16 and 17; oz., \$1.25; ¼ lb., \$4.00.			
Early Drumhead (Extra Stock),	20	2 25	4 00
All-Seasons Cabbage,	30	3 00	5 75
Fottler's Improved Flat Brunswick, .	20	2 25	4 00
Early Flat Dutch,	15	2 25	4 00
Selected Early Summer,	25	2 75	5 25
Early Winningstadt (Prussian Prize Stock),	20	2 00	4 75
Johnson & Stokes' Premium Flat Dutch,	15	1 50	2 75
Prize Large Late Drumhead,	15	1 50	2 75
Bridgeport Drumhead,	30	3 00	5 50
Surehead,	20	2 25	4 00
Diamond Winter (New, very fine), see Specialties,	75	8 00	
Early Bleichfield Giant,	20	2 50	4 50
Johnson & Stokes' New Matchless Late Flat Dutch,	25	2 75	5 00
New Short Stem Late Drumhead, . .	30	2 75	5 00
Marblehead Mammoth,	15	1 50	2 75
Lee's Savoy (New, very fine), see Specialties,	40	4 50	8 00
American Perfection Drumhead Savoy (Fine Stock),	20	2 25	4 00
Red Dutch Erfurt,	20	2 00	

CARROT.

Ox-heart, or Guerande,	10	1 00	1 90
Very Early Short Horn Forcing,	10	90	1 75
Early Scarlet Horn,	10	80	1 50
Early Half-Long Scarlet, Pointed-Rooted,	10	80	1 50
Rubicon Half-Long (New and very fine), see Specialties,	15	1 50	2 50
Half-Long Red Nantes (stump-rooted)	10	90	1 75
New Saint Vallery, or Intermediate, .	10	90	1 75
Nichols' Improved Long Orange (New),	15	1 25	2 25
Long Orange (Improved),	10	60	1 00
Improved Danvers Half-Long,	10	75	1 40

CAULIFLOWER.

	Pkt.	Oz.	¼ lb.
Gilt Edge Early Snowball,	\$0 20	\$3 25	\$12 00
Johnson & Stokes' Early Alabaster (New),	30	6 00	22 00
Johnson & Stokes' Selected Early Dwarf Erfurt,	20	3 25	12 00
Lenormand's Short Stem,	10	75	2 25
Large Late Algiers,	10	75	2 25

CELERY.

	1 oz.	1 lb.	2 lbs.
White Plume (Selected Stock),	\$0 30	\$4 00	\$7 00
New Rose,	25	2 75	
Sandringham Dwarf White,	20	2 00	3 75
Kalamazoo Broad Ribbed (New and Very Fine), see Specialties,	30	3 75	7 00
Johnson & Stokes' Golden Self-Blanching (New). See page 33 of our "Garden and Farm Manual," . .	60	7 00	
Dwarf Golden Heart,	20	2 25	4 00
Crawford's Half Dwarf,	20	2 25	4 00
Boston Market,	20	2 25	4 00
Giant White Solid,	20	1 75	3 25

CELERIAC.	1 oz.	1 lb.	2 lbs.
Apple-Shaped,	\$0 20	\$1 65	
Extra Large Smooth Prague,	20	2 50	
Erfurt Giant (New)	35	3 50	
CORN SALAD.			
Large-Seeded Broad-Leaved, 10 lbs., \$3.50,	5	50	\$0 80
CRESS.			
Extra Curled Pepper,	5	40	75
True Water,	30	3 50	6 50
CUCUMBER.			
New Evergreen White Spine,	15	1 25	2 25
Jersey Extra Early Prolific Pickle (New	15	2 00	3 75
Nichol's Medium Green,	10	80	1 50
Early Frame, or Short Green,	10	70	1 25
Green Prolific,	10	70	1 25
Improved Early White Spine,	10	60	1 10
Long Green Turkey,	10	75	1 40
Improved Long Green (Jersey Pickle),	10	60	1 10
Small Gherkin, or Burr,	15	1 25	2 25
ENDIVE.			
Green Curled,	15	1 50	2 75
White Curled Large Leaved,	20	1 75	3 25
Mammoth Green Curled. New and very large, the best yet introduced,	25	2 75	5 25
EGG-PLANT.			
New York Improved Large Purple,	40	4 25	
New Jersey Improved Large Purple, the finest of all Egg-Plants,	60	6 00	
KALE.			
Dwarf Green Curled Scotch,	10	60	1 00
Norfolk Green Curled Scotch,	10	60	1 00
Siberian Curled,	10	60	1 00
New Imperial (Long Standing),	10	75	1 40
KOHL RABI.			
New Smooth White, Very Short Leaved, see Specialties,	30	3 00	
New Smooth Purple, Very Short Leaved, see Specialties,	30	3 00	
Early White Vienna, Short-Leaved,	15	1 75	
Early Purple Vienna, Short-Leaved,	20	2 00	
LEEK.			
New Giant Italian, the largest and best American, very large size,	20	2 00	3 75
London Flag,	10	1 00	1 90
Large Musselburg,	15	1 50	2 75
LETTUCE.			
New White Russian Summer,	40	4 00	
New White Peach,	sold out.		
California All-Heart (Novelty), see page 2, Johnson & Stokes' "Garden and Farm Manual for 1889,"	40	4 00	
Dutch Butter, Philadelphia grown,	15	1 50	2 75
White Butter, Philadelphia grown,	15	1 25	2 40
Improved Hanson,	15	1 20	2 25
Improved Defiance Summer (New), see Specialties,	15	1 60	3 00
New Oak-Leaved,	15	1 25	2 25
Black Seeded Simpson,	15	1 25	2 25
Salamander,	15	1 25	2 25
Improved Yellow-Seeded Butter,	15	1 25	2 25
Large White Passion (New),	15	1 75	3 25
Silver Ball,	15	1 60	3 10
MELON, MUSK.			
New Osage, see Specialties,	40	4 00	
Golden Gem, 5 lbs., \$2.50,	5	60	1 10
Extra Early Prize Jenny Lind, 5 lbs., \$2.50,	5	60	1 00
New Early Hackensack, 5 lbs., \$4.25,	10	1 00	1 75
Champion Market (New),	15	1 25	2 25

MELON—Continued.	1 oz.	1 lb.	2 lbs.
Emerald Gem,	\$0 10	\$1 00	\$1 75
Princess (New), see page 41, our "Garden and Farm Manual for 1889,"	25	2 50	4 50
Miller Cream (New),	15	1 50	2 75
Netted Pineapple, 5 lbs., \$2.00,	5	50	95
Improved Montreal Market, 5 lbs., \$2.75,	10	70	1 20
Baltimore, 5 lbs., \$2.75,	10	70	1 20
Bay View, 5 lbs., \$2.75,	10	70	1 20
Casaba, or Persian, 5 lbs., \$2.75,	10	65	1 20
Hackensack, 5 lbs., \$2.75,	10	70	1 30
New Banana,	15	1 25	2 00
MELON, WATER			
Johnson's New Christmas,	10	1 25	2 25
Stokes' Extra Early,	15	1 25	2 25
Mammoth Gray Monarch,	10	80	1 50
Improved Mountain Sweet, 5 lbs., \$2.00,	5	50	90
Mammoth Iron-Clad, 5 lbs., \$2.50,	10	60	1 10
Florida Favorite,	10	1 00	1 80
Green and Gold (New),	15	1 50	2 75
New Seminole,	15	1 75	3 40
Pride of Georgia,	10	65	1 10
Kolb Gem, 5 lbs., \$2.50,	5	60	1 10
Icing Light, 5 lbs., \$2.50,	5	60	1 10
Early California, or Odella, 5 lbs., \$2.00,	5	50	90
The Boss, 5 lbs., \$2.50,	5	60	1 10
Scaly Bark,	5	60	1 10
Cuban Queen, 5 lbs., \$3.00,	10	70	1 30
Dark Icing, 5 lbs., \$2.50,	5	60	1 10
Jersey Blue, 5 lbs., \$2.50,	10	65	1 20
Georgia Gypsy, or Rattlesnake, 5 lbs., \$2.75,	10	65	1 20
MUSHROOM SPAWN.			
English Miltrack, Dozen Bricks, \$1.25. French, 2 lb. boxes, each, 70c.			
OKRA.			
New White Velvet,	15	1 25	2 25
Improved Dwarf Prolific,	5	60	1 00
Dwarf Green,	5	50	90
PARSNIP.			
Ideal Hollow Crown (New),	10	70	1 30
Large Sugar,	5	50	90
ONION SEED.			
Extra Early Red Flat,	15	1 50	2 75
Extra Early Red Globe,	20	2 25	4 25
Extra Red Wethersfield, 10 lbs., \$16.00 Round Yellow Danvers,	15	1 75	3 25
Philadelphia Yellow Globe Danvers, 10 lbs., \$14.00,	15	1 50	2 75
Philadelphia Yellow Strasburg, or Dutch, 10 lbs., \$14.00,	15	1 50	2 90
Southport, Large Yellow Globe,	20	2 00	3 75
Southport, Large White Globe,	25	2 75	5 40
Southport, Large Red Globe,	20	1 75	3 40
Philadelphia White, or Silver Skin, Extra Early Pearl, Philadelphia grown Golden Ball (New, see Specialties,	25	2 25	4 25
Ivory Ball (New), see Specialties,	35	3 75	7 50
White Adriatic Barletta (New), see Specialties,	40	4 00	7 75
Red Bermuda,	35	3 75	7 00
Giant Rocca,	20	1 65	3 25
Giant White Italian Tripoli,	15	1 40	2 75
New Yellow Egg,	20	1 75	3 40
Spanish King,	30	3 00	
Silver King,	35	3 50	6 50
	25	2 60	5 00
ONION SETS.			
Prices variable. Will quote by letter on application.			
White, or Silver Skin,	Peck.	Bush.	
Yellow Danvers,	\$1 25	\$4 50	
	1 00	3 50	

ONION SETS—Continued.

ONION SETS—Continued.	Peck.	Bush.
Yellow Strasburg.	\$1 00	\$3 50
Extra Early Red,	sold out.	

PARSLEY.

	1 oz.	1 lb.	2 lbs.
Dwarf Extra Curled,	\$0 10	\$0 80	\$1 50
Double Curled,	10	60	1 10
Market Gardeners' Best , see Special- ties,	10	1 00	1 75

PEPPER.

Ruby King,	25	3 00	
Mammoth Golden Queen,	40	4 00	
Large Sweet Bell, or Bull Nose,	20	2 25	4 25
Large Sweet Spanish,	25	2 40	
Long Red Cayenne,	25	2 40	
Red Cluster, finest sort for pot herbs,	30	3 00	

SWEET POTATOES.

	1 bush.	1 bbl.	5 bbls.
Extra Early Carolina,	\$2 50	\$5 50	\$25 00
New Jersey Sweet,	1 50	3 50	16 50

SWEET POTATO PLANTS.

	Per 100.	Per 1000.
Early Nansemond. (Ready May 15th),	\$0 30	\$2 00
Extra Early Carolina " " "	40	2 50

POTATOES.

Prices variable with the market.

We pack all our Potatoes in round-hoop flour barrels and guarantee each barrel to contain eleven pecks. In case we are instructed to ship in flat-hoop barrels, purchasers may deduct fifteen cents per barrel from the prices below. •

	<i>bus.</i>	<i>bbl.</i>	<i>5 bbls.</i>
Crown Jewel (New), see page 55 our			
“Garden and Farm Manual for 1889,”	\$2 00	\$5 50	
Early Gem,	1 25	3 25	\$15 00
Clark's No. 1,	1 25	3 00	14 00
Pearl of Savoy,	1 25	3 00	14 00
Early Sunrise,	1 25	3 00	14 00
Early Beauty of Hebron,	1 10	2 75	13 00
Early Ohio,	1 25	3 25	15 00
Early Puritan (New),	2 00	5 50	26 00
Charles Downing (New),	1 75	4 50	21 00
Snowflake,	1 25	3 00	14 00
Early Mayflower,	1 25	3 00	14 00
State of Maine,	1 25	3 00	14 00
Prince Edward Island Early Rose,	1 10	2 75	13 00
Houlton Early Rose,	1 10	2 75	13 00
New York Rose,	1 00	2 60	12 50
The Belle,	1 25	3 25	15 00
Bliss Triumph,	2 50	6 50	
Garfield,	1 25	3 25	15 00
American Magnum Bonum,	1 25	3 25	15 00
Mammoth Pearl,	1 10	2 75	13 00
Mammoth Prolific,	1 25	3 25	15 00
Empire State,	1 10	2 75	13 00
White Star,	1 10	2 75	13 00
White Peach-blow,	1 25	3 25	15 50
Peerless,	1 10	2 60	12 50
White Elephant,	1 10	2 75	13 00

PUMPKIN.

	1 oz.	1 lb.	2 lbs.
Improved Green Striped Cashaw, . .	\$0 10	\$1 25	\$2 25
Nantucket Sugar,	10	80	1 50
Tennessee Sweet Potato (Fine),	20	1 75	3 25
Cashaw,	10	60	1 00
Large Cheese,	5	50	90
Common Yellow Field, per quart, 20c.			

RADISH.

Scarlet Erfurt Red Forcing Turnip,	10	75	1 40
New Rosy Gem,	10	1 00	1 75
Scarlet Globe (New), see Specialties,	10	75	1 40
Philadelphia White Box (New),	10	1 00	1 90
Newcom (New),	10	1 00	1 90
Extra Early White Turnip,	5	50	90
Extra Early Dark Red Turnip,	5	50	90
Paris Beauty, Half Long Deep Scarlet,	10	70	1 30
Early Long Scarlet Short Top,	5	40	75
Philadelphia Gardeners' Long Scar-			
let Short Top (New), see Specialties,	10	75	1 25
New White Lady Finger, or Vienna,	10	1 00	1 90
New Fireball,	10	1 00	1 75
Wood's Early Frame (True),	5	50	90
French Breakfast,	5	50	90

RADISH—Continued.

RADISH—Continued.		1 oz.	1 lb.	2 lbs.
Violet Turnip, White-Tipped, . . .	\$0 10	\$0 75	\$1 40	
Scarlet Turnip, White-Tipped, . . .	5	50	90	
Early White, Olive-Shaped, . . .	10	60	1 10	
Early Scarlet, Olive-Shaped, . . .	10	60	1 10	
Beckert's Chertier, or Shepherd, . .	5	50	90	
New White Strasburgh (Very fine. Extra stock), see Specialties, . .	10	1 00	1 85	
Improved Large Yellow Summer Turnip (New), . . .	10	1 00	1 80	
Olive-Shaped Golden Yellow (New), .	10	1 00	1 85	
Long White Naples, . . .	10	60	1 10	
White Summer Turnip, or Globe, . .	10	60	1 10	
Yellow Summer Turnip, . . .	10	60	1 10	
Scarlet China, or Rose (Winter), . .	10	70	1 30	
Long Black Spanish (Winter), . . .	10	65	1 20	
Round Black Spanish (Winter), . . .	10	65	1 20	

RHUBARB ROOTS.

	<i>Each.</i>	<i>Doz.</i>	<i>100.</i>
Extra Early, or Strawberry,	\$0 15	\$1 25	\$6 00
Linnaeus and Victoria,	15	1 25	6 00

SALSIFY.

	1oz.	1 lb.	2 lbs.
Long White (Philadelphia grown), . .	\$0 10	\$1 50	\$2 75
Mammoth Sandwich Island (largest),	20	2 00	3 75

SPINACH.

	1 lb.	10 lbs.	bush.
Enkhuizen Long Standing (New), . .	\$0 30	\$2 00	\$6 00
American Round-Seeded Savoy, or			
Bloodsdaie,	25	2 00	6 00
Norfolk Savoy,	25	2 00	6 00

SQUASH.

	1 oz.	1 lb.	2 lbs.
Early White Scallop Bush,	\$0 10	\$0 50	\$0 90
Essex Hybrid,	10	70	1 30
Boston Marrow,	10	50	1 00
White Pineapple,	10	80	1 50
Hubbard,	10	65	1 25
Bay State,	10	1 25	2 50
New Mediterranean,	10	1 00	1 80
Long Green Summer Crookneck,	10	1 00	1 80

TOMATO.

Extra Early Trophy (New),	30	3 50	
Atlantic Prize. Very large, smooth and early (Novelty). In packets only, 1 packet, 15c.; 4 packets, 50c.; 10 packets, \$1.00.			
Early Market Champion,	30	3 50	6 50
Potato Leaf. See Specialties.	30	2 75	5 00
Dwarf Champion (New), pkt., 10c., . . .	90		
Volunteer (New),	35	3 75	
New Queen,	20	2 25	4 00
Livingston's Perfection,	20	2 00	3 50
Extra Early Advance,	30	2 75	5 00
Scoville's Hybrid,	30	3 25	6 00
Selected Early Paragon (Choice Stock)	15	1 75	3 00
Livingston's Beauty,	25	2 75	5 40
The Cardinal,	20	2 00	3 50
Turner's Hybrid, or Mikado,	30	3 50	6 50
Livingston's Favorite,	20	2 00	3 50
Early Acme,	20	2 00	3 75
Selected Trophy,	20	2 25	4 00

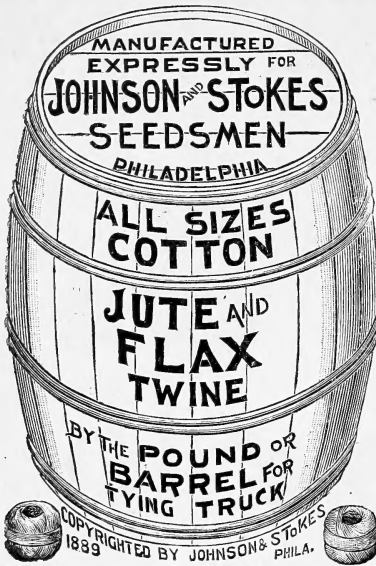
TURNIP.

Purple Top White Globe,	5	40	75
Early White Flat Dutch,	5	40	75
Early White Egg,	5	50	90
Purple Top Milan (Fine),	10	90	1 70
Purple Top Flat,	5	40	75
Pomeranian White Globe,	5	40	75
Purple Top Mammoth,	10	65	1 25
Yellow Aberdeen, Green Top,	5	40	75
Yellow Aberdeen, Purple Top,	5	40	75
Yellow, or Amber Globe,	5	40	75
Improved Purple Top Yellow Ruta-			
Baga,	10	50	90
Large White Ruta-Baga,	10	50	90

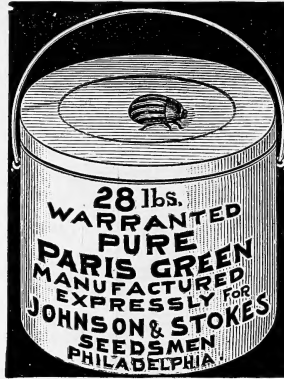
HERBS.

Sweet Basil (Broad Leaved),	20	2 00
Dill,	10	80
Sage,	20	2 00
Lavender,	30	3 25
American Sweet Marjoram,	35	3 50
Imported Sweet Marjoram,	20	1 75
Summer Savory,	15	1 50
Thyme,	30	3 00

Sage, Holt's Mammoth. Perfectly hardy, much larger than the ordinary Sage from seed, stronger in flavor, superior in quality. A true perennial, bears continuously until frost. Per dozen plants, 75c.



for tying beets, radishes, etc., 90c. per bag of 5 lbs.; for tying celery this twine is a little coarser than that used for tying beets or radishes, \$1.00 per bag of 5 lbs.



PURE PARIS GREEN. That which we handle is of the finest grade and warranted as represented, put up in tin packages. 1 lb., 25c.; 5 lbs., \$1.10; 10 lbs., \$2.00; 14 lbs., \$2.75; 28 lbs., \$5.40.

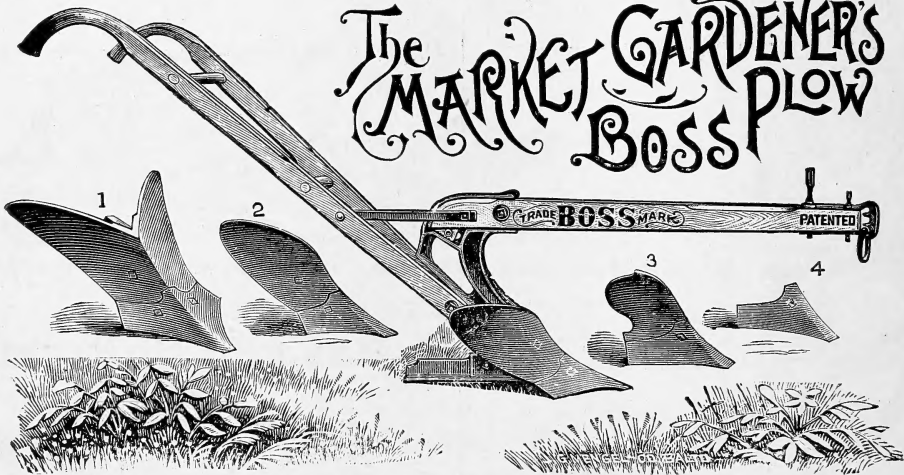
NOVA SCOTIA LAND PLASTER. Our plaster is perfectly dry and in the best mechanical condition. 200-lb. bag, 90c.; ton, \$8.50.

TWINE FOR TYING TRUCK.

JUTE. One, two, three or four-ply each, 60c. per bag of 5 lbs.; barrel of about 100 lbs., \$9.50.

FLAX. Two-ply, usually used for roping onions, \$1.00 per bag of 5 lbs.

COTTON. For tying herbs, very fine and soft, \$1.00 per bag of 5 lbs.; for tying celery this twine is a little coarser than that used for tying



The Boss One-Horse Plow supplies the market gardener with an implement long needed. It is the best one-horse plow ever introduced, and market gardeners who have used it one season would not do without it for ten times its cost if they could not get another.

It has a very high curved iron standard, enabling it to plow under stubble, vines, weeds, etc., without choking, better than any other plow made. It will scour in all soils, and is guaranteed to work as represented, or money refunded.

Purchasers of the Boss Plow actually get four plows for the price of one.

The No. 2½ (which is full size) moldboard can be taken off and the plow used for "throwing" out carrots, parsnips, beets, salsify, celery, etc., which is a very valuable feature, as roots can be taken out five times faster this way than by digging them out in the old manner.

The No. 2 moldboard is smaller than No. 2½, and can be used where it is desirable to turn narrow furrows, and for making deep, narrow furrows for planting seeds, plants, etc.

The No. 3 moldboard is smaller than No. 2, and is used for similar purposes.

No. 1 is a double moldboard, used for opening furrows and hilling up, and can be attached to the Standard by removing the share and moldboard, this is sold extra. Price, \$1.50.

NO MARKET GARDENER SHOULD BE WITHOUT IT.

Price, with three different size moldboards and two shares, including those on the plow, \$6.00.

TOBACCO DUST OR SNUFF.

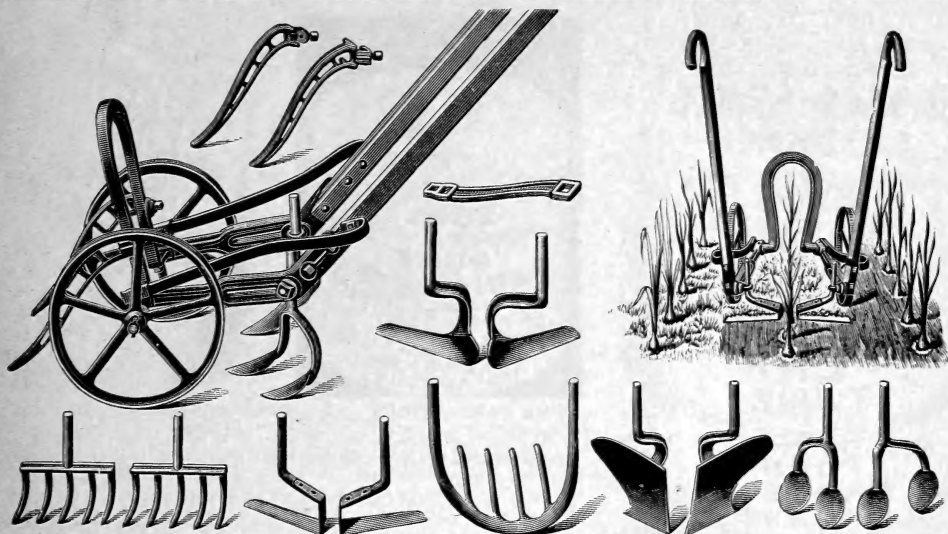
Tobacco dust or snuff is now largely and successfully used by market gardeners to destroy the louse on lettuce, cabbage plants, etc., and is found to answer the purpose better than anything else. 5 lbs., 25c.; 25 lbs., \$1.00; barrels containing 100 lbs., \$3.00 each.

RAPHIA FOR TYING.

Large asparagus growers find this fibre to give better satisfaction for tying asparagus than anything else they can get. It is light, strong, neat, durable and cheaper than any other tying material. Lb., 20c.; in quantities of 100 lbs. and upwards, special prices will be given upon application.

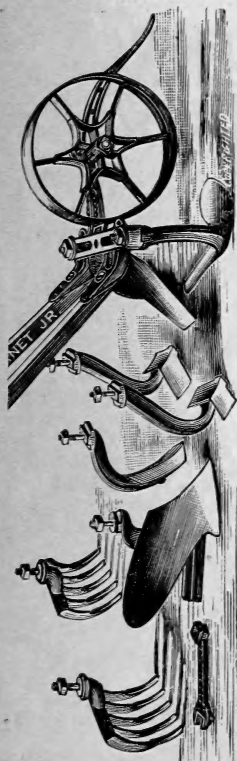
SALT FOR FERTILIZING.

Our salt is very rich in potash, and will be found an excellent fertilizer for asparagus, etc. Sack of 200 lbs., 90c.; ton, \$8.00.

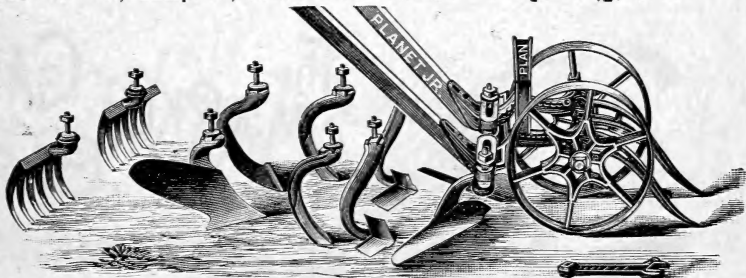


McGEE CULTIVATOR.

McGEE HAND CULTIVATOR, Complete, with all Attachments shown above, \$6.00.



"PLANET JR." Single-Wheel Hoe, Rake and Plow Combined, \$5.00.



"PLANET JR." Double-Wheel Hoe, Cultivator, Rake and Plow Combined. \$6.50.

GEM OF THE GARDEN Hand Wheel, Hoe and Cultivator.

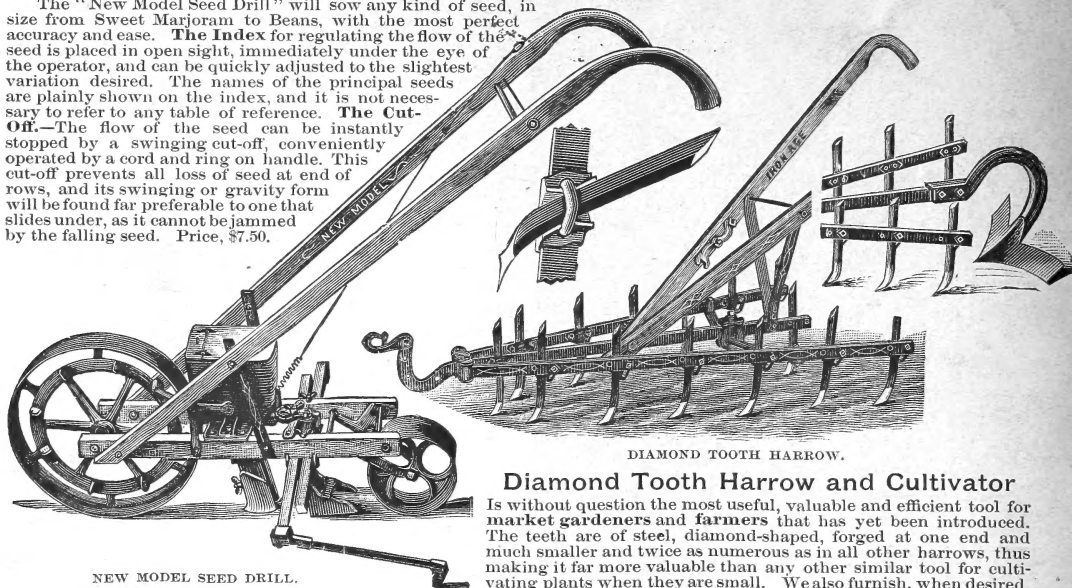
This implement is offered to gardeners and others with the assurance that it is the most effective and convenient tool of the kind yet invented. The wheels and handles are both adjustable in height, while the frame is so slotted that the hoes, teeth and plows can be set in almost any position or angle. It is sold with the privilege of returning if not found entirely satisfactory. Fig. 1 are parts belonging to Double-Wheel Gem. Single-Wheel, \$4.00; Double-Wheel, \$4.50. Fig. 2 is a landside plow; fits either the Single or Double-Wheel Gem, making either a superior or hand plow. 75c.



Circulars containing Detailed Description of these Implements will be Mailed Free to all who apply.

THE NEW MODEL SEED DRILL.

The "New Model Seed Drill" will sow any kind of seed, in size from Sweet Marjoram to Beans, with the most perfect accuracy and ease. The Index for regulating the flow of the seed is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. The names of the principal seeds are plainly shown on the index, and it is not necessary to refer to any table of reference. **The Cut-Off.**—The flow of the seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot be jammed by the falling seed. Price, \$7.50.



DIAMOND TOOTH HARROW.

Diamond Tooth Harrow and Cultivator

Is without question the most useful, valuable and efficient tool for market gardeners and farmers that has yet been introduced. The teeth are of steel, diamond-shaped, forged at one end and much smaller and twice as numerous as in all other harrows, thus making it far more valuable than any other similar tool for cultivating plants when they are small. We also furnish, when desired, a special standard for attaching to middle bar of the frame, as shown in cut, which will be found invaluable for clearing out weeds between the rows. Price: Without sweep and standard, \$4.50; with standard and fifteen-inch sweep, \$5.50. Wheel to go on front, 75c. extra.

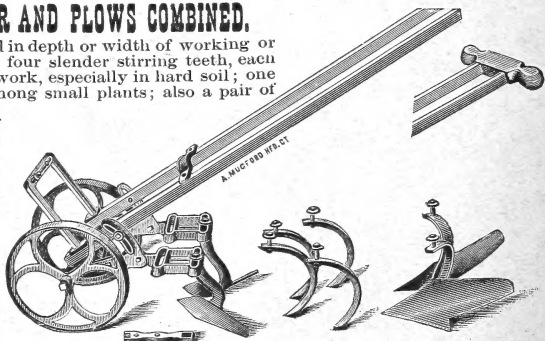
"JEWEL" DOUBLE-WHEEL HOE, CULTIVATOR AND PLOWS COMBINED.

The "JEWEL" is capable of being quickly adjusted in depth or width of working or height of handles. As shown in cut, it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for thorough work, especially in hard soil; one pair of curved side hoes, particularly intended for use among small plants; also a pair of plows for throwing to or from the row or for opening furrows. The standards of these hoes and plows are of malleable and wrought iron. The entire frame is made of malleable iron, the handles of wood making it an exceeding light and strong tool, and one pleasant to handle as well. It is carefully made, handsomely finished, and weighs but twenty-two pounds. Price, \$5.00.

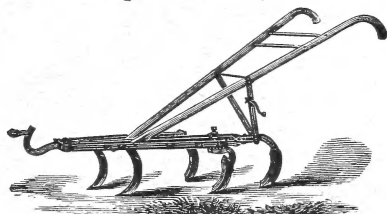
IRON AGE HORSE CULTIVATOR.

Plain Cultivator, \$3.00
Horse Hoe, complete, with No. 68 teeth, Sweep, five
1 1/4-inch teeth, with Wheel and Leveller, 5.50
Adjustable Weeders, per pair, 2.00

We also carry a full line of Extras and Attachments of the "Iron Age" Cultivators.



"JEWEL" DOUBLE-WHEEL HOE, CULTIVATOR AND PLOWS COMBINED.



"IRON AGE" HORSE CULTIVATOR.

PLANET JR.

STEEL HORSE HOE AND CULTIVATOR.

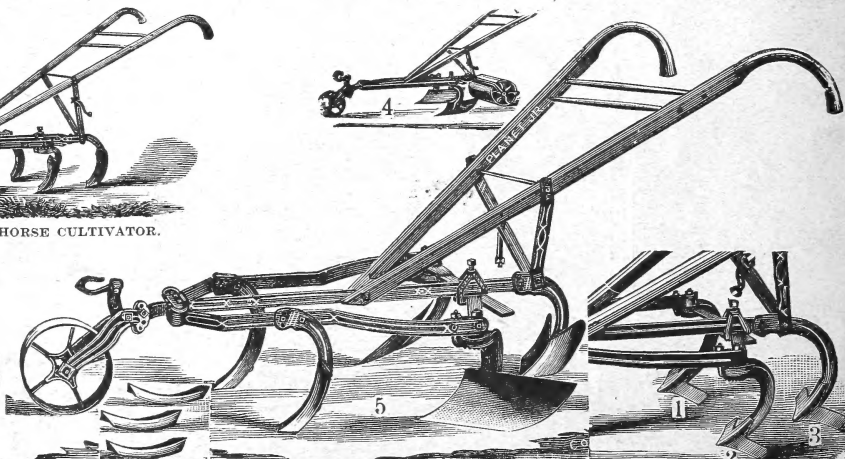


Fig. 5, Horse Hoe and Cultivator, \$7.00; including Roller, Fig. 4, \$9.00. Fig. 5, Plain Horse Cultivator only, without wheel, \$3.75; including Sweeps, Figs. 1, 2 and 3, \$1.10 extra. Marking Attachment, \$2.00. Large Furrowing Steel, \$1.50. We also carry a large line of Extras and various other Attachments for the "Planet Jr." Goods, both Hand and Horse.